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c 549	12.8	0.8	17	1	US-10-393-075-1	Sequence 1, Appli
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c 555	12.8	0.8	17	1	US-10-342-902-2178	Sequence 2178, Ap
556	12.8	0.8	17	1	US-10-675-685-755	Sequence 755, App
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558	12.8	0.8	17	1	US-10-675-685-759	Sequence 759, App
559	12.8	0.8	17	1	US-10-675-685-762	Sequence 762, App
560	12.8	0.8	17	1	US-10-138-674-2567	Sequence 2567, Ap
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563	12.8	0.8	17	1	US-10-138-674-4785	Sequence 4785, Ap
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c 565	12.8	0.8	17	1	US-10-138-674-5375	Sequence 5375, Ap
566	12.8	0.8	17	1	US-10-138-674-6490	Sequence 6490, Ap
567	12.8	0.8	17	1	US-10-138-674-6491	Sequence 6491, Ap
568	12.8	0.8	17	1	US-10-138-674-6686	Sequence 6686, Ap
c 569	12.8	0.8	17	1	US-10-138-674-7443	Sequence 7443, Ap
c 570	12.8	0.8	17	1	US-10-138-674-7558	Sequence 7558, Ap
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c 575	12.8	0.8	17	1	US-10-138-674-8716	Sequence 8716, Ap
576	12.8	0.8	17	1	US-10-287-949A-2567	Sequence 2567, Ap
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c 632	12.8	0.8	17	1	US-10-723-361-2301	Sequence 2301, Ap
c 633	12.8	0.8	17	1	US-10-723-361-6545	Sequence 6545, Ap
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ALIGNMENTS

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RESULT 1
US-09-918-026A-6
; Sequence 6, Application US/09918026A
; Publication No. US20030096772A1
; GENERAL INFORMATION:
;  APPLICANT: Rosanne M. Crooke
;  APPLICANT:  Mark J. Graham
;  APPLICANT:  Kristina M. Lemonidis
;  TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COA CHOLESTEROL ACYLTRANSFERASE-2 EXI
;  FILE REFERENCE: ISPH-0588
;  CURRENT APPLICATION NUMBER: US/09/918,026A
;  CURRENT FILING DATE:  2001-07-30
;  NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 6
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: PCR Probe
US-09-918-026A-6

  Query Match             1.6%;  Score 25;  DB 1;  Length 25;
  Best Local Similarity   100.0%;  Pred. No. 16;
  Matches   25;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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c 463	12.8	0.8	17	1	US-09-827-395A-946	Sequence 946, App
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c 522	12.8	0.8	17	1	US-10-061-201-109	Sequence 109, App
523	12.8	0.8	17	1	US-10-061-201-421	Sequence 421, App
524	12.8	0.8	17	1	US-10-061-201-423	Sequence 423, App
525	12.8	0.8	17	1	US-10-061-201-1521	Sequence 1521, Ap
526	12.8	0.8	17	1	US-10-061-201-1523	Sequence 1523, Ap
c 527	12.8	0.8	17	1	US-10-340-192-84	Sequence 84, Appl
c 528	12.8	0.8	17	1	US-10-108-732-28	Sequence 28, Appl
c 529	12.8	0.8	17	1	US-10-339-793-11	Sequence 11, Appl
530	12.8	0.8	17	1	US-10-230-006-721	Sequence 721, App
531	12.8	0.8	17	1	US-10-230-006-814	Sequence 814, App
532	12.8	0.8	17	1	US-10-230-006-2184	Sequence 2184, Ap
c 533	12.8	0.8	17	1	US-10-230-006-2221	Sequence 2221, Ap
c 534	12.8	0.8	17	1	US-10-430-882-214	Sequence 214, App
c 535	12.8	0.8	17	1	US-10-430-882-216	Sequence 216, App
c 536	12.8	0.8	17	1	US-10-430-882-217	Sequence 217, App
c 537	12.8	0.8	17	1	US-10-430-882-376	Sequence 376, App
c 538	12.8	0.8	17	1	US-10-430-882-619	Sequence 619, App
c 539	12.8	0.8	17	1	US-10-430-882-699	Sequence 699, App
c 540	12.8	0.8	17	1	US-10-430-882-825	Sequence 825, App
c 541	12.8	0.8	17	1	US-10-430-882-946	Sequence 946, App
c 542	12.8	0.8	17	1	US-10-209-787-1419	Sequence 1419, Ap
543	12.8	0.8	17	1	US-10-209-787-1420	Sequence 1420, Ap
544	12.8	0.8	17	1	US-10-297-068-212	Sequence 212, App

	253	13.8	0.9	18	1	US-09-104-654-4	Sequence 4, Appli
c	254	13.8	0.9	18	1	US-09-425-075-3	Sequence 3, Appli
c	255	13.8	0.9	18	1	US-10-005-956-1236	Sequence 1236, Ap
	256	13.8	0.9	18	1	US-10-204-431-6	Sequence 6, Appli
c	257	13.8	0.9	18	1	US-10-351-951-123	Sequence 123, App
	258	13.8	0.9	18	1	US-10-108-260A-5348	Sequence 5348, Ap
c	259	13.8	0.9	18	1	US-10-349-143-7807	Sequence 7807, Ap
c	260	13.8	0.9	18	1	US-10-349-143-11445	Sequence 11445, A
c	261	13.8	0.9	18	1	US-10-461-790-51	Sequence 51, Appl
	262	13.8	0.9	20	1	US-10-740-773-9	Sequence 9, Appli
	263	13.4	0.9	15	1	US-10-300-683-118	Sequence 118, App
	264	13.4	0.9	15	1	US-10-300-683-291	Sequence 291, App
	265	13.4	0.9	15	1	US-10-300-683-477	Sequence 477, App
	266	13.4	0.9	15	1	US-10-395-031-10	Sequence 10, Appl
	267	13.4	0.9	16	1	US-10-210-172-240	Sequence 240, App
	268	13.4	0.9	16	1	US-10-138-674-5661	Sequence 5661, Ap
	269	13.4	0.9	16	1	US-10-287-949A-5661	Sequence 5661, Ap
	270	13.4	0.9	17	1	US-09-866-108-6623	Sequence 6623, Ap
	271	13.4	0.9	17	1	US-09-866-108-6630	Sequence 6630, Ap
c	272	13.4	0.9	17	1	US-09-866-108-10675	Sequence 10675, A
c	273	13.4	0.9	17	1	US-09-866-108-10676	Sequence 10676, A
	274	13.4	0.9	17	1	US-09-780-533A-287	Sequence 287, App
	275	13.4	0.9	17	1	US-09-848-754A-370	Sequence 370, App
	276	13.4	0.9	17	1	US-09-848-754A-1340	Sequence 1340, Ap
	277	13.4	0.9	17	1	US-09-848-754A-1551	Sequence 1551, Ap
	278	13.4	0.9	17	1	US-09-848-754A-2408	Sequence 2408, Ap
c	279	13.4	0.9	17	1	US-09-930-423-5	Sequence 5, Appli
	280	13.4	0.9	17	1	US-09-930-423-324	Sequence 324, App
	281	13.4	0.9	17	1	US-09-930-423-325	Sequence 325, App
c	282	13.4	0.9	17	1	US-09-930-423-334	Sequence 334, App
	283	13.4	0.9	17	1	US-09-780-164-137	Sequence 137, App
c	284	13.4	0.9	17	1	US-09-780-164-1043	Sequence 1043, Ap
c	285	13.4	0.9	17	1	US-09-780-164-1044	Sequence 1044, Ap
c	286	13.4	0.9	17	1	US-09-864-636A-2493	Sequence 2493, Ap
c	287	13.4	0.9	17	1	US-09-740-332-1412	Sequence 1412, Ap
c	288	13.4	0.9	17	1	US-09-745-237A-5	Sequence 5, Appli
	289	13.4	0.9	17	1	US-09-745-237A-324	Sequence 324, App
	290	13.4	0.9	17	1	US-09-745-237A-325	Sequence 325, App
c	291	13.4	0.9	17	1	US-09-745-237A-334	Sequence 334, App
c	292	13.4	0.9	17	1	US-09-817-879-1412	Sequence 1412, Ap
c	293	13.4	0.9	17	1	US-09-864-426A-2493	Sequence 2493, Ap
	294	13.4	0.9	17	1	US-10-060-830-135	Sequence 135, App
	295	13.4	0.9	17	1	US-10-060-830-136	Sequence 136, App
c	296	13.4	0.9	17	1	US-10-060-998-119	Sequence 119, App
c	297	13.4	0.9	17	1	US-10-060-998-120	Sequence 120, App
c	298	13.4	0.9	17	1	US-10-163-552-729	Sequence 729, App
	299	13.4	0.9	17	1	US-10-156-306-3771	Sequence 3771, Ap
	300	13.4	0.9	17	1	US-10-339-782-45	Sequence 45, Appl
c	301	13.4	0.9	17	1	US-10-084-839-2493	Sequence 2493, Ap
c	302	13.4	0.9	17	1	US-10-307-005-315	Sequence 315, App
	303	13.4	0.9	17	1	US-10-307-005-316	Sequence 316, App
c	304	13.4	0.9	17	1	US-10-307-005-2383	Sequence 2383, Ap
	305	13.4	0.9	17	1	US-10-307-005-2384	Sequence 2384, Ap
c	306	13.4	0.9	17	1	US-10-138-674-949	Sequence 949, App
	307	13.4	0.9	17	1	US-10-138-674-2128	Sequence 2128, Ap
	308	13.4	0.9	17	1	US-10-138-674-2129	Sequence 2129, Ap
c	309	13.4	0.9	17	1	US-10-138-674-4663	Sequence 4663, Ap
c	310	13.4	0.9	17	1	US-10-138-674-5311	Sequence 5311, Ap
	311	13.4	0.9	17	1	US-10-138-674-7200	Sequence 7200, Ap
	312	13.4	0.9	17	1	US-10-138-674-7201	Sequence 7201, Ap
c	313	13.4	0.9	17	1	US-10-138-674-8515	Sequence 8515, Ap
c	314	13.4	0.9	17	1	US-10-676-154-100	Sequence 100, App
c	315	13.4	0.9	17	1	US-10-287-949A-949	Sequence 949, App
	316	13.4	0.9	17	1	US-10-287-949A-2128	Sequence 2128, Ap
	317	13.4	0.9	17	1	US-10-287-949A-2129	Sequence 2129, Ap
c	318	13.4	0.9	17	1	US-10-287-949A-4663	Sequence 4663, Ap
c	319	13.4	0.9	17	1	US-10-287-949A-5311	Sequence 5311, Ap
	320	13.4	0.9	17	1	US-10-287-949A-7200	Sequence 7200, Ap
	321	13.4	0.9	17	1	US-10-287-949A-7201	Sequence 7201, Ap
c	322	13.4	0.9	17	1	US-10-287-949A-8515	Sequence 8515, Ap
	323	13.4	0.9	17	1	US-10-712-672-304	Sequence 304, App
	324	13.4	0.9	17	1	US-10-712-672-1212	Sequence 1212, Ap
c	325	13.4	0.9	17	1	US-10-712-672-2128	Sequence 2128, Ap
c	326	13.4	0.9	17	1	US-10-669-841-4005	Sequence 4005, Ap
	327	13.4	0.9	17	1	US-10-723-361-6623	Sequence 6623, Ap
	328	13.4	0.9	17	1	US-10-723-361-6630	Sequence 6630, Ap
c	329	13.4	0.9	17	1	US-10-723-361-10675	Sequence 10675, A
c	330	13.4	0.9	17	1	US-10-723-361-10676	Sequence 10676, A
	331	13.4	0.9	20	1	US-10-181-846-109	Sequence 109, App
c	332	13.2	0.8	17	1	US-09-765-449-17	Sequence 17, Appl
c	333	13	0.8	15	1	US-09-864-785-3767	Sequence 3767, Ap
c	334	13	0.8	15	1	US-09-740-332-4771	Sequence 4771, Ap
c	335	13	0.8	15	1	US-09-817-879-4771	Sequence 4771, Ap
	336	13	0.8	15	1	US-10-287-919-360	Sequence 360, App
	337	13	0.8	15	1	US-10-287-919-1424	Sequence 1424, Ap
c	338	13	0.8	15	1	US-10-669-841-7368	Sequence 7368, Ap
c	339	13	0.8	16	1	US-09-740-332-9683	Sequence 9683, Ap
c	340	13	0.8	16	1	US-09-817-879-9683	Sequence 9683, Ap
c	341	13	0.8	16	1	US-10-669-841-7427	Sequence 7427, Ap
c	342	13	0.8	17	1	US-09-864-785-2086	Sequence 2086, Ap
c	343	13	0.8	17	1	US-09-864-785-2838	Sequence 2838, Ap
c	344	13	0.8	17	1	US-09-864-785-2839	Sequence 2839, Ap
c	345	13	0.8	17	1	US-09-825-805-456	Sequence 456, App
c	346	13	0.8	17	1	US-09-818-875-2786	Sequence 2786, Ap
	347	13	0.8	17	1	US-09-818-875-2787	Sequence 2787, Ap
	348	13	0.8	17	1	US-09-780-533A-288	Sequence 288, App
	349	13	0.8	17	1	US-09-780-533A-1165	Sequence 1165, Ap
c	350	13	0.8	17	1	US-09-877-478-1467	Sequence 1467, Ap
c	351	13	0.8	17	1	US-09-848-754A-1115	Sequence 1115, Ap
c	352	13	0.8	17	1	US-09-930-423-335	Sequence 335, App
c	353	13	0.8	17	1	US-09-930-423-336	Sequence 336, App
c	354	13	0.8	17	1	US-09-745-237A-335	Sequence 335, App
c	355	13	0.8	17	1	US-09-745-237A-336	Sequence 336, App
c	356	13	0.8	17	1	US-10-163-552-728	Sequence 728, App
c	357	13	0.8	17	1	US-10-156-306-5116	Sequence 5116, Ap
c	358	13	0.8	17	1	US-10-156-306-6360	Sequence 6360, Ap
c	359	13	0.8	17	1	US-10-156-306-7073	Sequence 7073, Ap
c	360	13	0.8	17	1	US-10-156-306-7074	Sequence 7074, Ap
c	361	13	0.8	17	1	US-10-339-782-155	Sequence 155, App
c	362	13	0.8	17	1	US-10-209-787-2786	Sequence 2786, Ap
	363	13	0.8	17	1	US-10-209-787-2787	Sequence 2787, Ap
c	364	13	0.8	17	1	US-10-261-185-2786	Sequence 2786, Ap
	365	13	0.8	17	1	US-10-261-185-2787	Sequence 2787, Ap
c	366	13	0.8	17	1	US-10-342-902-1467	Sequence 1467, Ap
	367	13	0.8	17	1	US-10-138-674-1508	Sequence 1508, Ap
c	368	13	0.8	17	1	US-10-347-869-17	Sequence 17, Appl
	369	13	0.8	17	1	US-10-287-949A-1508	Sequence 1508, Ap
c	370	13	0.8	17	1	US-10-669-841-1467	Sequence 1467, Ap
c	371	13	0.8	17	1	US-10-681-074-2786	Sequence 2786, Ap
	372	13	0.8	17	1	US-10-681-074-2787	Sequence 2787, Ap
c	373	13	0.8	29	1	US-10-336-638-370	Sequence 370, App
	374	12.8	0.8	16	1	US-10-241-780-88	Sequence 88, Appl
	375	12.8	0.8	16	1	US-10-331-907-439	Sequence 439, App
c	376	12.8	0.8	16	1	US-10-182-230-163	Sequence 163, App
c	377	12.8	0.8	16	1	US-10-407-807-34	Sequence 34, Appl
c	378	12.8	0.8	16	1	US-10-407-807-53	Sequence 53, Appl
	379	12.8	0.8	16	1	US-10-712-672-1739	Sequence 1739, Ap
c	380	12.8	0.8	16	1	US-10-232-923-2	Sequence 2, Appli
c	381	12.8	0.8	17	1	US-09-866-108-434	Sequence 434, App
c	382	12.8	0.8	17	1	US-09-866-108-435	Sequence 435, App
	383	12.8	0.8	17	1	US-09-866-108-930	Sequence 930, App
	384	12.8	0.8	17	1	US-09-866-108-932	Sequence 932, App
c	385	12.8	0.8	17	1	US-09-866-108-1200	Sequence 1200, Ap
c	386	12.8	0.8	17	1	US-09-866-108-1201	Sequence 1201, Ap
	387	12.8	0.8	17	1	US-09-866-108-1416	Sequence 1416, Ap
	388	12.8	0.8	17	1	US-09-866-108-1417	Sequence 1417, Ap
	389	12.8	0.8	17	1	US-09-866-108-1535	Sequence 1535, Ap
	390	12.8	0.8	17	1	US-09-866-108-1537	Sequence 1537, Ap
c	391	12.8	0.8	17	1	US-09-866-108-1646	Sequence 1646, Ap
c	392	12.8	0.8	17	1	US-09-866-108-1648	Sequence 1648, Ap
c	393	12.8	0.8	17	1	US-09-866-108-2289	Sequence 2289, Ap
c	394	12.8	0.8	17	1	US-09-866-108-2301	Sequence 2301, Ap
c	395	12.8	0.8	17	1	US-09-866-108-6545	Sequence 6545, Ap
c	396	12.8	0.8	17	1	US-09-866-108-6546	Sequence 6546, Ap
c	397	12.8	0.8	17	1	US-09-866-108-6915	Sequence 6915, Ap
c	398	12.8	0.8	17	1	US-09-866-108-6917	Sequence 6917, Ap

c 107	15	1.0	17	1	US-09-848-754A-144	Sequence 144, App
c 108	15	1.0	17	1	US-09-848-754A-1112	Sequence 1112, Ap
c 109	15	1.0	17	1	US-09-848-754A-1113	Sequence 1113, Ap
c 110	15	1.0	17	1	US-10-342-902-845	Sequence 845, App
c 111	15	1.0	17	1	US-10-342-902-2244	Sequence 2244, Ap
c 112	15	1.0	17	1	US-10-669-841-845	Sequence 845, App
c 113	15	1.0	17	1	US-10-669-841-2047	Sequence 2047, Ap
c 114	15	1.0	20	1	US-09-854-883-174	Sequence 174, App
115	15	1.0	20	1	US-10-380-931-171	Sequence 171, App
c 116	15	1.0	20	1	US-10-360-510-174	Sequence 174, App
117	14.8	0.9	18	1	US-10-241-313-7	Sequence 7, Appli
118	14.8	0.9	18	1	US-10-404-679-70	Sequence 70, Appl
119	14.8	0.9	18	1	US-10-404-922-11	Sequence 11, Appl
120	14.8	0.9	18	1	US-10-449-801A-7	Sequence 7, Appli
c 121	14.8	0.9	19	1	US-10-251-117-623	Sequence 623, App
122	14.8	0.9	19	1	US-10-251-117-930	Sequence 930, App
123	14.8	0.9	19	1	US-10-356-625-111	Sequence 111, App
124	14.8	0.9	19	1	US-10-244-647-491	Sequence 491, App
125	14.8	0.9	19	1	US-10-244-647-511	Sequence 511, App
c 126	14.8	0.9	19	1	US-10-244-647-1137	Sequence 1137, Ap
c 127	14.8	0.9	19	1	US-10-244-647-1157	Sequence 1157, Ap
128	14.8	0.9	19	1	US-10-262-445-84	Sequence 84, Appl
c 129	14.4	0.9	17	1	US-09-866-108-2293	Sequence 2293, Ap
c 130	14.4	0.9	17	1	US-09-866-108-2294	Sequence 2294, Ap
c 131	14.4	0.9	17	1	US-09-866-108-2296	Sequence 2296, Ap
c 132	14.4	0.9	17	1	US-09-866-108-2297	Sequence 2297, Ap
133	14.4	0.9	17	1	US-09-866-108-6624	Sequence 6624, Ap
134	14.4	0.9	17	1	US-09-866-108-6629	Sequence 6629, Ap
135	14.4	0.9	17	1	US-09-780-164-502	Sequence 502, App
136	14.4	0.9	17	1	US-09-780-164-503	Sequence 503, App
c 137	14.4	0.9	17	1	US-09-740-332-1413	Sequence 1413, Ap
138	14.4	0.9	17	1	US-09-740-332-3143	Sequence 3143, Ap
c 139	14.4	0.9	17	1	US-09-817-879-1413	Sequence 1413, Ap
140	14.4	0.9	17	1	US-09-817-879-3143	Sequence 3143, Ap
c 141	14.4	0.9	17	1	US-10-138-674-1578	Sequence 1578, Ap
142	14.4	0.9	17	1	US-10-138-674-6124	Sequence 6124, Ap
c 143	14.4	0.9	17	1	US-10-138-674-8044	Sequence 8044, Ap
c 144	14.4	0.9	17	1	US-10-287-949A-1578	Sequence 1578, Ap
145	14.4	0.9	17	1	US-10-287-949A-6124	Sequence 6124, Ap
c 146	14.4	0.9	17	1	US-10-287-949A-8044	Sequence 8044, Ap
c 147	14.4	0.9	17	1	US-10-712-672-1852	Sequence 1852, Ap
c 148	14.4	0.9	17	1	US-10-669-841-4006	Sequence 4006, Ap
149	14.4	0.9	17	1	US-10-669-841-5736	Sequence 5736, Ap
c 150	14.4	0.9	17	1	US-10-723-361-2293	Sequence 2293, Ap
c 151	14.4	0.9	17	1	US-10-723-361-2294	Sequence 2294, Ap
c 152	14.4	0.9	17	1	US-10-723-361-2296	Sequence 2296, Ap
c 153	14.4	0.9	17	1	US-10-723-361-2297	Sequence 2297, Ap
154	14.4	0.9	17	1	US-10-723-361-6624	Sequence 6624, Ap
155	14.4	0.9	17	1	US-10-723-361-6629	Sequence 6629, Ap
156	14.4	0.9	18	1	US-10-067-125-42	Sequence 42, Appl
c 157	14.4	0.9	18	1	US-10-067-125-129	Sequence 129, App
158	14.4	0.9	18	1	US-10-138-674-2168	Sequence 2168, Ap
159	14.4	0.9	18	1	US-10-287-949A-2168	Sequence 2168, Ap
160	14.4	0.9	19	1	US-10-244-647-477	Sequence 477, App
161	14.4	0.9	19	1	US-10-244-647-487	Sequence 487, App
c 162	14.4	0.9	19	1	US-10-244-647-1123	Sequence 1123, Ap
c 163	14.4	0.9	19	1	US-10-244-647-1133	Sequence 1133, Ap
c 164	14.4	0.9	19	1	US-10-444-925-566	Sequence 566, App
c 165	14	0.9	15	1	US-09-848-754A-9223	Sequence 9223, Ap
c 166	14	0.9	17	1	US-09-877-478-2245	Sequence 2245, Ap
c 167	14	0.9	17	1	US-09-848-754A-1114	Sequence 1114, Ap
168	14	0.9	17	1	US-09-740-332-3142	Sequence 3142, Ap
169	14	0.9	17	1	US-09-817-879-3142	Sequence 3142, Ap
c 170	14	0.9	17	1	US-10-342-902-2245	Sequence 2245, Ap
171	14	0.9	17	1	US-10-138-674-6125	Sequence 6125, Ap
172	14	0.9	17	1	US-10-138-674-6126	Sequence 6126, Ap
173	14	0.9	17	1	US-10-287-949A-6125	Sequence 6125, Ap
174	14	0.9	17	1	US-10-287-949A-6126	Sequence 6126, Ap
c 175	14	0.9	17	1	US-10-669-841-2048	Sequence 2048, Ap
176	14	0.9	17	1	US-10-669-841-5735	Sequence 5735, Ap
177	14	0.9	18	1	US-10-179-940-283	Sequence 283, App
178	13.8	0.9	17	1	US-09-866-108-931	Sequence 931, App
179	13.8	0.9	17	1	US-09-866-108-1536	Sequence 1536, Ap
c 180	13.8	0.9	17	1	US-09-866-108-1647	Sequence 1647, Ap
c 181	13.8	0.9	17	1	US-09-866-108-2290	Sequence 2290, Ap
c 182	13.8	0.9	17	1	US-09-866-108-2291	Sequence 2291, Ap
c 183	13.8	0.9	17	1	US-09-866-108-2292	Sequence 2292, Ap
c 184	13.8	0.9	17	1	US-09-866-108-2295	Sequence 2295, Ap
c 185	13.8	0.9	17	1	US-09-866-108-2298	Sequence 2298, Ap
c 186	13.8	0.9	17	1	US-09-866-108-2299	Sequence 2299, Ap
c 187	13.8	0.9	17	1	US-09-866-108-2300	Sequence 2300, Ap
c 188	13.8	0.9	17	1	US-09-866-108-6916	Sequence 6916, Ap
c 189	13.8	0.9	17	1	US-09-866-108-9024	Sequence 9024, Ap
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c 206	13.8	0.9	17	1	US-09-930-423-560	Sequence 560, App
c 207	13.8	0.9	17	1	US-09-780-164-440	Sequence 440, App
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c 209	13.8	0.9	17	1	US-09-827-395A-887	Sequence 887, App
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c 215	13.8	0.9	17	1	US-10-060-895A-221	Sequence 221, App
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OM nucleic - nucleic search, using sw model

Run on: November 8, 2004, 12:52:39 ; Search time 9 Seconds
(without alignments)
3.980 Million cell updates/sec

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Sequence: 1 atggagccaggcgggggcccg.....cttggtcctgccatacctag 1569

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 655 seqs, 11416 residues

Total number of hits satisfying chosen parameters: 1310

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 658 summaries

Database : rnpb3.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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	3	21	1.3	21	1	US-09-918-026A-4	Sequence 4, Appli
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274	12	0.8	15	1	US-09-594-108-6	Sequence 6, Appli
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ALIGNMENTS

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RESULT 1
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; Sequence 25, Application US/09165042
; Patent No. 6100077
; GENERAL INFORMATION:
;  APPLICANT: Sturley, Stephen L.
;  APPLICANT: Oelkers, Peter
;  TITLE OF INVENTION: ISOLATION OF A GENE ENCODING DIACYLGLYCEROL
;  TITLE OF INVENTION: ACYLTRANSFERASE
;  FILE REFERENCE: 0575/56331
;  CURRENT APPLICATION NUMBER: US/09/165,042
;  CURRENT FILING DATE: 1998-10-01
;  NUMBER OF SEQ ID NOS: 32
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: human
US-09-165-042-25

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; Patent No. 6100077
; GENERAL INFORMATION:
;  APPLICANT: Sturley, Stephen L.
;  APPLICANT: Oelkers, Peter
;  TITLE OF INVENTION: ISOLATION OF A GENE ENCODING DIACYLGLYCEROL
;  TITLE OF INVENTION: ACYLTRANSFERASE
;  FILE REFERENCE: 0575/56331
;  CURRENT APPLICATION NUMBER: US/09/165,042
;  CURRENT FILING DATE: 1998-10-01
;  NUMBER OF SEQ ID NOS: 32
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
;   LENGTH: 23
;   TYPE: DNA
;   ORGANISM: human
US-09-165-042-30

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; Sequence 370, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
;  APPLICANT: Fan, Jian Bing
;  APPLICANT: Chakravarti, Aravinda
;  APPLICANT: Halushka, Marc Kenneth
;  APPLICANT: Case Western Reserve University School of Medicine
;  APPLICANT: Affymetrix, Inc.
;  TITLE OF INVENTION: Polymorphisms Associated With
;  TITLE OF INVENTION: Hypertension
;  FILE REFERENCE: 018547-034210US
;  CURRENT APPLICATION NUMBER: US/09/304,232
;  CURRENT FILING DATE: 1999-05-03
;  EARLIER APPLICATION NUMBER: US 60/084,641
;  EARLIER FILING DATE: 1998-05-07
;  NUMBER OF SEQ ID NOS: 909
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 370
;   LENGTH: 29
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: CYP11B2EX3 138
US-09-304-232-370

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RESULT 4
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; Sequence 1097, Application US/08985162
; Patent No. 6057156
;  GENERAL INFORMATION:
;    APPLICANT:  Akhtar, Saghir
;    APPLICANT:  Fell, Patricia
;    APPLICANT:  McSwiggen, James
;    TITLE OF INVENTION:  ENZYMATIC NUCLEIC ACID TREATMENT
;    TITLE OF INVENTION:  OF DISEASES OR CONDITIONS RELATED
;    TITLE OF INVENTION:  TO LEVELS OF EPIDERMAL GROWTH
;    TITLE OF INVENTION:  FACTOR RECEPTORS
;    NUMBER OF SEQUENCES:  1877
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Lyon & Lyon
;      STREET:  633 West Fifth Street
;      STREET:  Suite 4700
;      CITY:  Los Angeles
;      STATE:  California
;      COUNTRY:  U.S.A.
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SUMMARIES

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	97	13.8	0.9	17	1	US-09-827-998-760	Sequence 760, App
	98	13.8	0.9	17	1	US-09-827-998-761	Sequence 761, App
	99	13.8	0.9	17	1	US-09-866-108A-931	Sequence 931, App
	100	13.8	0.9	17	1	US-09-866-108A-1536	Sequence 1536, Ap
c	101	13.8	0.9	17	1	US-09-866-108A-1647	Sequence 1647, Ap
c	102	13.8	0.9	17	1	US-09-866-108A-2290	Sequence 2290, Ap
c	103	13.8	0.9	17	1	US-09-866-108A-2291	Sequence 2291, Ap
c	104	13.8	0.9	17	1	US-09-866-108A-2292	Sequence 2292, Ap
c	105	13.8	0.9	17	1	US-09-866-108A-2295	Sequence 2295, Ap
c	106	13.8	0.9	17	1	US-09-866-108A-2298	Sequence 2298, Ap

	399	13.4	0.9	17	1	ABK27024	Increased stearate
	400	13.4	0.9	17	1	ABT35342	Tumour suppression
c	401	13.4	0.9	17	1	ADB03627	Human MDZ7 scannin
c	402	13.4	0.9	17	1	ADB03629	Human MDZ7 scannin
c	403	13.4	0.9	17	1	ADB03628	Human MDZ7 scannin
c	404	13.4	0.9	17	1	ABZ65272	Human HER2 DNAzyme
c	405	13.4	0.9	17	1	ACD59610	HCV DNAzyme substr
	406	13.4	0.9	17	1	ACC65533	Murine oligonucleo
c	407	13.4	0.9	17	1	ACC66957	Murine oligonucleo
c	408	13.4	0.9	17	1	ACC62782	Murine oligonucleo
c	409	13.4	0.9	17	1	ADB43973	Tumour suppression
c	410	13.4	0.9	17	1	ADB40515	Tumour suppression
c	411	13.4	0.9	17	1	ADC03633	Human Na/H exchang
c	412	13.4	0.9	17	1	ADC03632	Human Na/H exchang
c	413	13.4	0.9	17	1	ADF64077	Human PCCP1 DNA fr
c	414	13.4	0.9	17	1	ADF64078	Human PCCP1 DNA fr
c	415	13.4	0.9	17	1	ADF64079	Human PCCP1 DNA fr
	416	13.4	0.9	17	1	ADI52315	Human tumour suppr
c	417	13.4	0.9	17	1	ACC51409	Human tumour suppr
	418	13.4	0.9	17	1	ADL50726	Human PKR substrat
	419	13.4	0.9	17	1	ADK13282	Human glioma endot
	420	13.4	0.9	17	1	ADL82074	Human ER+ breast c
c	421	13.4	0.9	17	1	ADI84166	HCV DNAzyme substr
	422	13.4	0.9	17	1	ADN43647	Mutant cell identi
c	423	13.4	0.9	17	1	ADN45714	Mutant cell identi
c	424	13.4	0.9	17	1	ADN43646	Mutant cell identi
	425	13.4	0.9	17	1	ADN45715	Mutant cell identi
	426	13.4	0.9	20	1	AAF73008	Human daxx inhibit
	427	13.2	0.8	17	1	AAT04567	17-mer DNA probe f
c	428	13.2	0.8	17	1	AAT90047	Primer for hepatoc

ALIGNMENTS

```
RESULT 1
ACC42398
ID   ACC42398 standard; DNA; 25 BP.
XX
AC   ACC42398;
XX
DT   26-AUG-2003  (first entry)
XX
DE   Human acyl CoA cholesterol acyltransferase-2 PCR probe.
XX
KW   Acyl CoA cholesterol acyltransferase-2; antisense therapy; antilipemic;
KW   antiarteriosclerotic; cardiovascular; ACAT-2; lipid metabolism;
KW   cholesterol metabolism; atherosclerosis; cardiovascular disease;
KW   phosphorothioate; human; PCR; probe; ss.
XX
OS   Homo sapiens.
XX
FH   Key             Location/Qualifiers
FT   modified_base   1
FT                   /*tag=  a
FT                   /mod_base= OTHER
FT                   /note= "Labelled with FAM, fluorescent reporter dye"
FT   modified_base   25
FT                   /*tag=  b
FT                   /mod_base= OTHER
FT                   /note= "Labelled with TAMRA, quencher dye"
XX
PN   WO2003011889-A2.
XX
PD   13-FEB-2003.
XX
PF   15-JUL-2002; 2002WO-US022746.
XX
PR   30-JUL-2001; 2001US-00918026.
XX
PA   (ISIS-) ISIS PHARM INC.
XX
PI   Crooke RM,  Graham MJ,  Lemonidis KM;
XX
DR   WPI; 2003-248145/24.
XX
PT   New antisense oligonucleotides for modulating acyl CoA cholesterol
PT   acyltransferase-2, e.g. for preventing or treating diseases associated
PT   with abnormal lipid or cholesterol metabolism, atherosclerosis,
PT   cardiovascular disease.
XX
PS   Example 13; Page 85; 112pp; English.
XX
CC   The present invention relates to novel antisense oligonucleotides which
CC   are targeted to human acyl CoA cholesterol acyltransferase-2 (ACAT-2)
CC   nucleotide sequence (ACC42409-ACC42431), and mouse ACAT-2 (ACC42432-
CC   ACC42457). The antisense oligonucleotides specifically hybridise with and
CC   inhibit the expression of ACAT-2 nucleotide sequences (ACC42395 and
CC   ACC42402). ACAT enzymes catalyse the synthesis of cholesterol esters from
CC   free cholesterol and fatty acyl-CoA. The antisense oligonucleotides are
CC   useful for treating an animal which has a disease or condition associated
CC   with ACAT-2, e.g. a condition involving abnormal lipid metabolism, a
CC   condition involving abnormal cholesterol metabolism, atherosclerosis, or
CC   cardiovascular disease. The present sequence is a PCR probe for human
CC   ACAT-2, used in an example from the invention
XX
SQ   Sequence 25 BP; 4 A; 5 C; 10 G; 6 T; 0 U; 0 Other;

  Query Match             1.6%;  Score 25;  DB 1;  Length 25;
  Best Local Similarity   100.0%;  Pred. No. 2.5;
  Matches   25;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1212 CTACGTGTATCAGGATGGGCTGCGG 1236
                ||||||||||||||||||||||||||
Db             1 CTACGTGTATCAGGATGGGCTGCGG 25


RESULT 2
AAA76178
ID   AAA76178 standard; DNA; 25 BP.
XX
AC   AAA76178;
XX
DT   14-DEC-2000  (first entry)
XX
DE   Human ACAT Related Gene Product 2 ARGP2 PCR primer 206.
XX
KW   Human; ACAT Related Gene Product 2; ARGP2; enzyme;
KW   acyl Coenzyme A-cholesterol acyltransferase 1; ACAT1;
KW   sterol esterification; lipid homeostasis; diacylglycerol acyltransferase;
KW   DGAT; PCR primer; ss.
XX
OS   Homo sapiens.
XX
PN   US6100077-A.
XX
PD   08-AUG-2000.
XX
PF   01-OCT-1998;   98US-00165042.
XX
PR   01-OCT-1998;   98US-00165042.
XX
PA   (UYCO ) UNIV COLUMBIA NEW YORK.
XX
PI   Sturley SL,  Oelkers P;
XX
DR   WPI; 2000-557622/51.
XX
PT   New nucleic acid encoding a human diacylglycerol acyltransferase, useful
PT   for treating hyperlipidemia, atherosclerosis, heart disease, or other
PT   diseases associated with an imbalance of triglyceride levels.
XX
PS   Disclosure; Col 17; 32pp; English.
XX
CC   The enzyme acyl Coenzyme A-cholesterol acyltransferase 1 (ACAT1) mediates
CC   sterol esterification, an important component of intracellular lipid
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	253	14	0.9	18	1	ADI58498	Human interleukin
c	254	13.8	0.9	17	1	AAQ40994	Mutagenic primer.
c	255	13.8	0.9	17	1	AAQ98599	Human papilloma vi
c	256	13.8	0.9	17	1	AAT44617	Human papillomavir
c	257	13.8	0.9	17	1	AAT78038	Human papillomavir
c	258	13.8	0.9	17	1	AAX74924	Mouse flt-1 VEGF r
	259	13.8	0.9	17	1	AAX71428	Human KDR VEGF rec
c	260	13.8	0.9	17	1	AAV11280	Human CYP2A6 gene
	261	13.8	0.9	17	1	AAV95636	Solanidine glucosy
c	262	13.8	0.9	17	1	AAV17483	Probe MY110 for hu
c	263	13.8	0.9	17	1	AAA18856	Human TIE-2 substr
	264	13.8	0.9	17	1	AAV93332	Human B-raf substr
	265	13.8	0.9	17	1	AAV93333	Human B-raf substr
c	266	13.8	0.9	17	1	AAV81678	Oligonucleotide SE
	267	13.8	0.9	17	1	AAF07186	Hammerhead ribozym
	268	13.8	0.9	17	1	AAF07187	Hammerhead ribozym
c	269	13.8	0.9	17	1	AAF02686	Hammerhead ribozym
	270	13.8	0.9	17	1	AAF02500	Hammerhead ribozym
c	271	13.8	0.9	17	1	ABK03141	Human CD20 Inozyme
c	272	13.8	0.9	17	1	ABK00739	Human NOGO Inozyme
	273	13.8	0.9	17	1	ABK01164	Human NOGO Inozyme
	274	13.8	0.9	17	1	ABK00079	Human NOGO Hammerh
	275	13.8	0.9	17	1	ABL46611	Human GRID NCH rib
	276	13.8	0.9	17	1	ABL47259	Human GRID Amberzy
	277	13.8	0.9	17	1	ABN01544	Human GDMLP-1 17-m
c	278	13.8	0.9	17	1	ABN02298	Human GDMLP-1 17-m
c	279	13.8	0.9	17	1	ABN02303	Human GDMLP-1 17-m
c	280	13.8	0.9	17	1	ABN10682	Human GDMLP-1 17-m
c	281	13.8	0.9	17	1	ABN02300	Human GDMLP-1 17-m
c	282	13.8	0.9	17	1	ABN01655	Human GDMLP-1 17-m
	283	13.8	0.9	17	1	ABN00939	Human GDMLP-1 17-m
c	284	13.8	0.9	17	1	ABN02299	Human GDMLP-1 17-m
c	285	13.8	0.9	17	1	ABN02307	Human GDMLP-1 17-m
c	286	13.8	0.9	17	1	ABN02306	Human GDMLP-1 17-m
c	287	13.8	0.9	17	1	ABN02308	Human GDMLP-1 17-m
c	288	13.8	0.9	17	1	ABN10681	Human GDMLP-1 17-m
c	289	13.8	0.9	17	1	ABN09032	Human GDMLP-1 17-m
c	290	13.8	0.9	17	1	ABN06924	Human GDMLP-1 17-m
c	291	13.8	0.9	17	1	ABV85228	Human pp-GaNTase 1
	292	13.8	0.9	17	1	AAL48306	Human ribozyme cle
	293	13.8	0.9	17	1	AAD45173	Human RIP2 DNA spe
c	294	13.8	0.9	17	1	ABK17888	Human ERG hammerhe
c	295	13.8	0.9	17	1	ABK19143	Human ERG Amberzym
	296	13.8	0.9	17	1	ABS75235	Human PAPP-Ea asso
	297	13.8	0.9	17	1	ABS75234	Human PAPP-Ea asso
	298	13.8	0.9	17	1	ABV89709	Human POSHL1 scann
	299	13.8	0.9	17	1	ABV90809	Human POSHL1 scann
c	300	13.8	0.9	17	1	ACN03715	WNV Zinzyme substr
	301	13.8	0.9	17	1	ACN11548	WNV minus strand I
	302	13.8	0.9	17	1	ACN00235	WNV Hammerhead Rib
	303	13.8	0.9	17	1	ACN00234	WNV Hammerhead Rib
c	304	13.8	0.9	17	1	ACN04899	WNV DNAzyme substr
c	305	13.8	0.9	17	1	ACN15125	WNV minus strand A
c	306	13.8	0.9	17	1	ABT35349	Tumour suppression
	307	13.8	0.9	17	1	ABT36458	Tumour suppression
c	308	13.8	0.9	17	1	ABT36554	Tumour suppression
	309	13.8	0.9	17	1	ABT36432	Tumour suppression
	310	13.8	0.9	17	1	ABT34453	Tumour suppression
	311	13.8	0.9	17	1	ABT39454	Tumour suppression
c	312	13.8	0.9	17	1	ACA06527	NFKB sub-unit modu
	313	13.8	0.9	17	1	ACA06588	NFKB sub-unit modu
	314	13.8	0.9	17	1	ACA07773	NFKB sub-unit modu
c	315	13.8	0.9	17	1	ACA06526	NFKB sub-unit modu
c	316	13.8	0.9	17	1	ADB04224	Human MDZ7 scannin
c	317	13.8	0.9	17	1	ADB04225	Human MDZ7 scannin
c	318	13.8	0.9	17	1	ADB04222	Human MDZ7 scannin
c	319	13.8	0.9	17	1	ADB04223	Human MDZ7 scannin
c	320	13.8	0.9	17	1	ABQ81024	Plasmid pXL3675-re
c	321	13.8	0.9	17	1	ABZ60036	Human K-Ras DNAzym
	322	13.8	0.9	17	1	ABZ65182	Human HER2 DNAzyme
	323	13.8	0.9	17	1	ABZ61374	Human H-Ras DNAzym
c	324	13.8	0.9	17	1	ACC67550	Murine oligonucleo
	325	13.8	0.9	17	1	ACC65385	Murine oligonucleo
c	326	13.8	0.9	17	1	ACC63090	Murine oligonucleo
	327	13.8	0.9	17	1	ADB40240	Tumour suppression
c	328	13.8	0.9	17	1	ADB40360	Tumour suppression
c	329	13.8	0.9	17	1	ADC03630	Human Na/H exchang
c	330	13.8	0.9	17	1	ADC03631	Human Na/H exchang
c	331	13.8	0.9	17	1	ADD19995	Oreochromis niloti
c	332	13.8	0.9	17	1	ADE35992	Identifier tag seq
c	333	13.8	0.9	17	1	ADF62453	Human PCCP1 DNA fr
	334	13.8	0.9	17	1	ADI49812	Human tumour suppr
	335	13.8	0.9	17	1	ADI49115	Human tumour suppr
c	336	13.8	0.9	17	1	ADM09492	Human NOGO recepto
c	337	13.8	0.9	17	1	ADL46682	Human NOGO recepto
	338	13.8	0.9	17	1	ADM54579	Human GRID mRNA su
c	339	13.8	0.9	17	1	ADJ53658	HBV probe #3. Hep
c	340	13.8	0.9	17	1	ADP46272	Extend primer 53 u
c	341	13.8	0.9	18	1	AAX79556	PCR primer for S.
c	342	13.8	0.9	18	1	AAZ89760	Human RIP-1 antise
c	343	13.8	0.9	18	1	AAZ89759	Human RIP-1 antise
c	344	13.8	0.9	18	1	AAA39259	Anti-mouse monoclo
c	345	13.8	0.9	18	1	AAZ73451	Human biallelic ma
c	346	13.8	0.9	18	1	AAZ77089	Human biallelic ma
c	347	13.8	0.9	18	1	AAA15590	Forward PCR primer
	348	13.8	0.9	18	1	AAH75401	Chloramphenicol ac
	349	13.8	0.9	18	1	AAI66128	Human glaucoma-cod
	350	13.8	0.9	18	1	AAF70537	Human DRD2 fragmen
c	351	13.8	0.9	18	1	ABL89040	HIV-1 related bind
c	352	13.8	0.9	18	1	ABS61018	Human genotyping P
	353	13.8	0.9	18	1	ABS68853	Human RecQ protein
c	354	13.8	0.9	18	1	ADG89548	Human matrilin-3 P
c	355	13.8	0.9	18	1	ACA60572	Antisense inhibiti
	356	13.8	0.9	18	1	ADM06663	Human PCR primer S
	357	13.8	0.9	18	1	ADH35262	Primer of the inve
c	358	13.8	0.9	18	1	ADJ53657	HBV probe #2. Hep
	359	13.8	0.9	18	1	ADO43211	Vascular endotheli
	360	13.8	0.9	18	1	ADO16557	4 synthesis-period
c	361	13.8	0.9	18	1	ADQ26322	Rhizomucor pusillu
	362	13.8	0.9	20	1	AAZ40168	PCR primer for hum
	363	13.6	0.9	15	1	AAS98771	Colony stimulating
	364	13.6	0.9	17	1	ACC64682	Murine oligonucleo
	365	13.4	0.9	15	1	AAQ28689	pelA target oligon
c	366	13.4	0.9	15	1	AAT50174	Rabbit CETP HH rib
c	367	13.4	0.9	15	1	AAS02509	Human CHMR1 allele
	368	13.4	0.9	15	1	AAF46796	IGFBP3 oligonucleo
	369	13.4	0.9	15	1	AAL45929	Murine dystrophin-
	370	13.4	0.9	15	1	ADJ82534	FFHPV-encoding nuc
	371	13.4	0.9	15	1	ADI44618	Human cystic fibro
	372	13.4	0.9	15	1	ADI44791	Human cystic fibro
	373	13.4	0.9	15	1	ADI44977	Human cystic fibro
c	374	13.4	0.9	16	1	AAV06294	Mouse spleen RNA a
c	375	13.4	0.9	16	1	ABS98344	Human multidrug re
	376	13.4	0.9	16	1	ADE40334	Reverse Ag6832 RT-
	377	13.4	0.9	16	1	ADG38558	Human genomic CpG
c	378	13.4	0.9	17	1	AAQ68371	Half mini-zyme KrM
	379	13.4	0.9	17	1	AAX71612	Human KDR VEGF rec
	380	13.4	0.9	17	1	AAX71611	Human KDR VEGF rec
c	381	13.4	0.9	17	1	AAX69654	Human flt1 VEGF re
	382	13.4	0.9	17	1	AAV97590	Human EGF-R target
	383	13.4	0.9	17	1	AAA20392	Integrin alpha 6 s
	384	13.4	0.9	17	1	AAV93334	Human B-raf substr
c	385	13.4	0.9	17	1	AAA36043	Human genomic SNP
c	386	13.4	0.9	17	1	AAF02630	Hammerhead ribozym
	387	13.4	0.9	17	1	ABK00287	Human NOGO Hammerh
	388	13.4	0.9	17	1	ABK02838	Human CD20 Hammerh
c	389	13.4	0.9	17	1	ABK03744	Human CD20 Amberzy
c	390	13.4	0.9	17	1	ABK03745	Human CD20 Amberzy
c	391	13.4	0.9	17	1	AAI68602	ICAM-1 triple heli
c	392	13.4	0.9	17	1	ABN10683	Human GDMLP-1 17-m
	393	13.4	0.9	17	1	ABN06631	Human GDMLP-1 17-m
	394	13.4	0.9	17	1	ABN06638	Human GDMLP-1 17-m
c	395	13.4	0.9	17	1	ABN10684	Human GDMLP-1 17-m
c	396	13.4	0.9	17	1	ABK24955	Porphyric herbicid
c	397	13.4	0.9	17	1	ABK27023	Increased stearate
	398	13.4	0.9	17	1	ABK24956	Porphyric herbicid

	107	15.4	1.0	20	1	ADK73666	Chimeric phosphoro
	108	15.4	1.0	20	1	ADP68653	Human PPAR-alpha a
c	109	15.2	1.0	20	1	AAQ50904	K-ras LCR primer.
c	110	15.2	1.0	20	1	AAT58120	K-ras mutated in t
c	111	15.2	1.0	20	1	AAV69513	Type I polyketide
	112	15.2	1.0	20	1	AAX95359	PCR primer used to
c	113	15.2	1.0	20	1	AAA72164	Humanised anti-Fas
	114	15.2	1.0	20	1	AAA72168	Humanised anti-Fas
c	115	15.2	1.0	20	1	AAA11602	Humanised HFE7A de
	116	15.2	1.0	20	1	AAA11606	Humanised HFE7A de
c	117	15.2	1.0	20	1	AAF73008	Human daxx inhibit
	118	15.2	1.0	20	1	AAC89142	Human prostate-spe
c	119	15.2	1.0	20	1	AAF99319	Immunostimulatory
	120	15.2	1.0	20	1	AAC89563	Tumour antigen PCR
	121	15.2	1.0	20	1	ABK99789	Mouse RAIDD antise
c	122	15.2	1.0	20	1	ABS77964	Angiogenesis inhib
c	123	15.2	1.0	20	1	ABL39004	Immunostimulatory
c	124	15.2	1.0	20	1	ABS53854	Human transferrin
c	125	15.2	1.0	20	1	ABS54317	Human ARCAP associ
c	126	15.2	1.0	20	1	ABL48724	Humanised anti-Fas
	127	15.2	1.0	20	1	ABL48728	Humanised anti-Fas
c	128	15.2	1.0	20	1	ABL45367	Human chromosome 2
c	129	15.2	1.0	20	1	ABT12924	Mycobacterium tube
c	130	15.2	1.0	20	1	ABA00084	Human APC primer #
c	131	15.2	1.0	20	1	AAL38179	Human BH3 interact
c	132	15.2	1.0	20	1	ABL45981	Humanised anti-Fas
	133	15.2	1.0	20	1	ABL45985	Humanised anti-Fas
c	134	15.2	1.0	20	1	ACD99742	Immunostimulatory
	135	15.2	1.0	20	1	AAL62118	Human HCDR3 amplif
c	136	15.2	1.0	20	1	ADB36821	Immunostimulatory
c	137	15.2	1.0	20	1	ADF53079	Variant detecting
	138	15.2	1.0	20	1	ADJ33237	Primer sequence mT
c	139	15.2	1.0	20	1	ABZ85105	Human oligonucleot
	140	15.2	1.0	20	1	ABZ86052	Human oligonucleot
c	141	15.2	1.0	20	1	ABZ88990	Human oligonucleot
	142	15.2	1.0	20	1	ABZ88917	Human oligonucleot
c	143	15.2	1.0	20	1	ACC42443	Acyl CoA cholester
	144	15.2	1.0	20	1	ABD25147	AI041482-derived o
	145	15.2	1.0	20	1	ABD22282	Human stanniocalci
c	146	15.2	1.0	20	1	ABD21335	Human transglutami
c	147	15.2	1.0	20	1	ABD25220	AI051839-derived o
	148	15.2	1.0	20	1	ADK96408	Primer of the inve
c	149	15.2	1.0	20	1	ADK95418	Primer of the inve
c	150	15.2	1.0	20	1	ADJ22418	Human endothelial
c	151	15.2	1.0	20	1	ADL15530	PCR primer 40 used
	152	15.2	1.0	20	1	ADM14267	Human mPGES-1 chim
	153	15.2	1.0	20	1	ADO52746	Farnesoid X recept
c	154	15	1.0	15	1	ACC42397	Human acyl CoA cho
c	155	15	1.0	17	1	AAV97364	Human EGF-R target
c	156	15	1.0	17	1	ACD55428	HBV amberzyme subs
c	157	15	1.0	17	1	ACD51912	HBV inozyme substr
	158	15	1.0	17	1	ADD20913	Human GAP_N DNA 17
	159	15	1.0	17	1	ADD20912	Human GAP_N DNA 17
	160	15	1.0	17	1	ADD20911	Human GAP_N DNA 17
c	161	15	1.0	17	1	ADM60110	Hepatitis B virus
c	162	15	1.0	17	1	ADM58711	Hepatitis B virus
c	163	15	1.0	18	1	AAX55895	Hepatitis B virus
	164	15	1.0	18	1	AAZ37843	PCR primer #2 from
c	165	15	1.0	20	1	AAD12117	Rat PTP1B antisens
	166	15	1.0	20	1	AAD36657	Human Her-1 antise
c	167	15	1.0	20	1	ABK85192	Rat PTPB1 antisens
c	168	15	1.0	20	1	ABK37361	Rat PTP1B mRNA lev
	169	15	1.0	20	1	ADP75475	Human ADAMTS2 gene
c	170	15	1.0	20	1	ADI13922	Antisense DNA olig
	171	14.8	0.9	18	1	AAA99605	Rat D4 receptor mR
c	172	14.8	0.9	18	1	ABS54291	Pig beta-actin cDN
	173	14.8	0.9	18	1	ABX12225	Rat dopamine D4 re
	174	14.8	0.9	18	1	ADE38319	Beta-actin PCR pri
c	175	14.8	0.9	18	1	ADF13584	3-hydroxy-3-methyl
	176	14.8	0.9	18	1	ADF29053	Rat dopamine D4 re
	177	14.8	0.9	18	1	ADM16806	Hepatitis B virus
c	178	14.8	0.9	19	1	AAT32495	Calpain large subu
	179	14.8	0.9	19	1	AAV57110	Human Notch3 mutan
	180	14.8	0.9	19	1	AAZ28917	Reverse primer aa1
c	181	14.8	0.9	19	1	AAA84728	Cyclin E ribozyme
c	182	14.8	0.9	19	1	AAH59890	Cyclin E ribozyme
	183	14.8	0.9	19	1	ACA90207	Novel human protei
	184	14.8	0.9	19	1	ADD20516	Oreochromis niloti
	185	14.8	0.9	19	1	ADD20519	Oreochromis niloti
	186	14.8	0.9	19	1	ADM00095	Hepatitis B virus
c	187	14.8	0.9	19	1	ADM00721	Hepatitis B virus
c	188	14.8	0.9	19	1	ADM00741	Hepatitis B virus
	189	14.8	0.9	19	1	ADM00075	Hepatitis B virus
c	190	14.8	0.9	19	1	ADL79404	Human HER1 (EGFR)
	191	14.8	0.9	19	1	ADL79711	Human HER1 (EGFR)
	192	14.8	0.9	19	1	ADO09390	Novel human protei
c	193	14.4	0.9	17	1	AAX71061	Human KDR VEGF rec
	194	14.4	0.9	17	1	ABK03203	Human CD20 Inozyme
	195	14.4	0.9	17	1	ABK03204	Human CD20 Inozyme
c	196	14.4	0.9	17	1	ABN02304	Human GDMLP-1 17-m
	197	14.4	0.9	17	1	ABN06632	Human GDMLP-1 17-m
c	198	14.4	0.9	17	1	ABN02302	Human GDMLP-1 17-m
c	199	14.4	0.9	17	1	ABN02301	Human GDMLP-1 17-m
	200	14.4	0.9	17	1	ABN06637	Human GDMLP-1 17-m
c	201	14.4	0.9	17	1	ABN02305	Human GDMLP-1 17-m
	202	14.4	0.9	17	1	ABT35074	Tumour suppression
c	203	14.4	0.9	17	1	ACD59611	HCV DNAzyme substr
	204	14.4	0.9	17	1	ACD63059	HCV minus strand D
c	205	14.4	0.9	17	1	ADI84167	HCV DNAzyme substr
	206	14.4	0.9	17	1	ADI85897	HCV DNAzyme substr
	207	14.4	0.9	18	1	AAX71705	Human KDR VEGF rec
	208	14.4	0.9	18	1	AAX52424	Forward PCR primer
c	209	14.4	0.9	18	1	AAA55618	TRAF4 antisense ol
	210	14.4	0.9	18	1	AAA55531	TRAF1 antisense ol
	211	14.4	0.9	18	1	ADC78694	Human PRO protein-
	212	14.4	0.9	18	1	AAF72582	Human PRO polypept
c	213	14.4	0.9	18	1	ABZ10946	Haematopoietic cel
	214	14.4	0.9	18	1	ADH59543	Human secreted/tra
	215	14.4	0.9	18	1	ADI38322	Human secreted/tra
	216	14.4	0.9	18	1	ADJ26590	Human secreted/tra
	217	14.4	0.9	18	1	ADE99693	Human secreted/tra
	218	14.4	0.9	18	1	ADE98813	Human secreted/tra
	219	14.4	0.9	18	1	ADE99240	Human secreted/tra
	220	14.4	0.9	18	1	ADG40710	Human secreted/tra
	221	14.4	0.9	18	1	ADG92523	Human secreted/tra
	222	14.4	0.9	18	1	ADG92950	Human secreted/tra
	223	14.4	0.9	18	1	ADH20739	Human secreted/tra
	224	14.4	0.9	18	1	ADH07594	Human secreted/tra
	225	14.4	0.9	18	1	ADH60139	Human secreted/tra
	226	14.4	0.9	18	1	ADH07167	Human secreted/tra
	227	14.4	0.9	18	1	ADI18909	Human secreted/tra
	228	14.4	0.9	18	1	ADI65629	Human secreted/tra
	229	14.4	0.9	18	1	ADI37888	Human secreted/tra
	230	14.4	0.9	18	1	ADH97688	Human secreted/tra
	231	14.4	0.9	18	1	ADI66056	Human secreted/tra
	232	14.4	0.9	18	1	ADM25390	Human secreted/tra
	233	14.4	0.9	18	1	ADM30140	Human secreted/tra
	234	14.4	0.9	18	1	ADO06462	Human PRO PCR prim
c	235	14.4	0.9	19	1	AAA85977	Cdc 25 hs ribozyme
c	236	14.4	0.9	19	1	AAH61139	Cdc25 hs ribozyme
	237	14.4	0.9	19	1	ADM00071	Hepatitis B virus
c	238	14.4	0.9	19	1	ADM00717	Hepatitis B virus
	239	14.4	0.9	19	1	ADM00061	Hepatitis B virus
c	240	14.4	0.9	19	1	ADM00707	Hepatitis B virus
c	241	14.4	0.9	19	1	ADH01954	Protein tyrosine p
	242	14.4	0.9	19	1	ADM69775	Plant gene polymor
	243	14.4	0.9	19	1	ADM69774	Plant gene polymor
	244	14	0.9	15	1	ABX03915	A. odontolyticus 1
c	245	14	0.9	17	1	AAA20366	Integrin alpha 6 s
	246	14	0.9	17	1	ACD63058	HCV minus strand D
c	247	14	0.9	17	1	ACD55429	HBV amberzyme subs
	248	14	0.9	17	1	ADD20914	Human GAP_N DNA 17
	249	14	0.9	17	1	ADD20910	Human GAP_N DNA 17
c	250	14	0.9	17	1	ADM60111	Hepatitis B virus
	251	14	0.9	17	1	ADI85896	HCV DNAzyme substr
	252	14	0.9	18	1	ADC02823	Ex vivo stem-cell

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OM nucleic - nucleic search, using sw model

Run on: November 8, 2004, 12:48:20 ; Search time 7 Seconds
(without alignments)
3.506 Million cell updates/sec

Title: US-09-918-026A-3
Perfect score: 1569
Sequence: 1 atggagccaggcggggcccg.....cttggtcctgccatacctag 1569

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 426 seqs, 7822 residues

Total number of hits satisfying chosen parameters: 852

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 428 summaries

Database : rng3.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	25	1.6	25	1	ACC42398	Human acyl CoA cho
	2	24	1.5	25	1	AAA76178	Human ACAT Related
	3	23	1.5	23	1	AAA76183	Human ACAT Related
	4	21.8	1.4	29	1	AAA04170	Polymorphic fragme
c	5	21.2	1.4	27	1	AAV98317	Human EGF-R hammer
	6	21	1.3	21	1	ACC42396	Human acyl CoA cho
c	7	20	1.3	20	1	AAZ57364	Human acyl CoA:cho
	8	20	1.3	20	1	AAZ57363	Human acyl CoA:cho
c	9	20	1.3	20	1	ACC42413	Acyl CoA cholester
c	10	20	1.3	20	1	ACC42419	Acyl CoA cholester
c	11	20	1.3	20	1	ACC42427	Acyl CoA cholester
c	12	20	1.3	20	1	ACC42411	Acyl CoA cholester
c	13	20	1.3	20	1	ACC42422	Acyl CoA cholester
c	14	20	1.3	20	1	ACC42420	Acyl CoA cholester
c	15	20	1.3	20	1	ACC42428	Acyl CoA cholester
c	16	20	1.3	20	1	ACC42446	Acyl CoA cholester
c	17	20	1.3	20	1	ACC42409	Acyl CoA cholester
c	18	20	1.3	20	1	ACC42418	Acyl CoA cholester
c	19	20	1.3	20	1	ACC42429	Acyl CoA cholester
c	20	20	1.3	20	1	ACC42416	Acyl CoA cholester
c	21	20	1.3	20	1	ACC42425	Acyl CoA cholester
c	22	20	1.3	20	1	ACC42431	Acyl CoA cholester
c	23	20	1.3	20	1	ACC42430	Acyl CoA cholester
c	24	20	1.3	20	1	ACC42426	Acyl CoA cholester
c	25	20	1.3	20	1	ACC42410	Acyl CoA cholester
c	26	20	1.3	20	1	ACC42457	Acyl CoA cholester
c	27	20	1.3	20	1	ACC42414	Acyl CoA cholester
c	28	20	1.3	20	1	ACC42415	Acyl CoA cholester
c	29	20	1.3	20	1	ACC42417	Acyl CoA cholester
c	30	20	1.3	20	1	ACC42424	Acyl CoA cholester
c	31	20	1.3	20	1	ACC42412	Acyl CoA cholester
c	32	20	1.3	20	1	ACC42421	Acyl CoA cholester
c	33	20	1.3	20	1	ACC42423	Acyl CoA cholester
	34	19.6	1.2	26	1	AAZ57362	Mouse acyl CoA:cho
c	35	19.2	1.2	24	1	ABT03549	Human Ath-1 gene P
c	36	19	1.2	20	1	ACC42450	Acyl CoA cholester
c	37	18.8	1.2	25	1	ADP13837	Renal cell carcino
c	38	18.4	1.2	20	1	ACC42444	Acyl CoA cholester
	39	18.2	1.2	24	1	AAZ57361	Mouse acyl CoA:cho
	40	18	1.1	18	1	ADL06682	Human 3T3 cell con
	41	18	1.1	20	1	ABZ76973	Bovine DGAT PCR pr
c	42	18	1.1	20	1	ACC42449	Acyl CoA cholester
c	43	17.8	1.1	21	1	ACC42404	Mouse acyl CoA cho
	44	17.4	1.1	21	1	AAL49183	Porcine CD 151 cod
c	45	17	1.1	17	1	ACD51913	HBV inozyme substr
c	46	17	1.1	17	1	ADM58712	Hepatitis B virus
c	47	16.8	1.1	20	1	AAZ02911	PCR primer used to
c	48	16.8	1.1	20	1	ADC84458	Primer #2 used to
c	49	16.8	1.1	20	1	ACC42438	Acyl CoA cholester
c	50	16.8	1.1	20	1	ACC42439	Acyl CoA cholester
c	51	16.8	1.1	20	1	ACC42447	Acyl CoA cholester
c	52	16.8	1.1	20	1	ACC42453	Acyl CoA cholester
c	53	16.8	1.1	20	1	ACC42445	Acyl CoA cholester
c	54	16.8	1.1	20	1	ACC42456	Acyl CoA cholester
c	55	16.8	1.1	20	1	ADJ24468	Human endothelial
c	56	16.8	1.1	20	1	ADJ23788	Human endothelial
c	57	16.8	1.1	21	1	AAQ38666	pSODbetaMAX10 5' e
c	58	16.8	1.1	21	1	AAQ54227	BSSL/CEL Exon 11 r
c	59	16.8	1.1	21	1	AAZ92061	SOD expression vec
c	60	16.4	1.0	19	1	ADL78868	Human HER2 (EGFR2)
	61	16.4	1.0	19	1	ADL79117	Human HER2 (EGFR2)
	62	16.4	1.0	20	1	AAZ77373	Human biallelic ma
	63	16.2	1.0	21	1	AAA47648	Primer (Mk1r) for
	64	16.2	1.0	21	1	AAF95935	Human gene single
c	65	16	1.0	17	1	ACD50543	HBV hammerhead rib
c	66	16	1.0	17	1	ADM58010	Hepatitis B virus
	67	15.8	1.0	19	1	ADO15078	Human PDGFr-target
c	68	15.8	1.0	19	1	ADO14767	Human PDGFr-target
c	69	15.8	1.0	19	1	ADM94080	IGH tube D DH fami
	70	15.8	1.0	20	1	AAV70046	Rat c-Fos protein
c	71	15.8	1.0	20	1	AAA08761	Primer 1 to amplif
c	72	15.8	1.0	20	1	AAH28055	PCR primer for a m
c	73	15.8	1.0	20	1	AAD27315	Human interferon (
c	74	15.8	1.0	20	1	ABL43561	Human chromosome 1
c	75	15.8	1.0	20	1	ACC49211	Human ribonuclease
c	76	15.8	1.0	20	1	ABZ87090	Human oligonucleot
c	77	15.8	1.0	20	1	ACA63127	Human interferon-e
c	78	15.8	1.0	20	1	ACC42448	Acyl CoA cholester
c	79	15.8	1.0	20	1	ABD23320	Human myosin X-der
c	80	15.8	1.0	20	1	ADI81478	Human P2X4 gene-sp
	81	15.8	1.0	20	1	ADI81413	Human P2X4 gene-sp
c	82	15.8	1.0	20	1	ADK98139	Primer of the inve
c	83	15.8	1.0	20	1	ADJ23947	Human endothelial
c	84	15.8	1.0	20	1	ADJ23665	Human endothelial
	85	15.8	1.0	20	1	ADN48796	Human Notch (Droso
c	86	15.8	1.0	21	1	AAX09362	Human biallelic po
c	87	15.8	1.0	21	1	AAX82780	Human edg6 PCR pri
c	88	15.8	1.0	21	1	AAF97388	Human gene single
c	89	15.8	1.0	21	1	ADJ13905	Human DNA probe us
c	90	15.8	1.0	21	1	ADJ13942	Human DNA probe us
c	91	15.4	1.0	17	1	AAX71062	Human KDR VEGF rec
	92	15.4	1.0	17	1	ABN06634	Human GDMLP-1 17-m
	93	15.4	1.0	17	1	ABN06635	Human GDMLP-1 17-m
	94	15.4	1.0	17	1	ABN06636	Human GDMLP-1 17-m
	95	15.4	1.0	17	1	ABN06633	Human GDMLP-1 17-m
c	96	15.4	1.0	17	1	ABZ64677	Human HER2 DNAzyme
c	97	15.4	1.0	19	1	ABL89153	HIV-1 related bind
c	98	15.4	1.0	20	1	AAT00065	Hepatitis GB virus
c	99	15.4	1.0	20	1	AAA55311	Hepatitis GB virus
c	100	15.4	1.0	20	1	AAZ40168	PCR primer for hum
c	101	15.4	1.0	20	1	ABK70805	Human TSP1 domain
c	102	15.4	1.0	20	1	ABX10774	Human dual specifi
c	103	15.4	1.0	20	1	ACC42435	Acyl CoA cholester
	104	15.4	1.0	20	1	ADK73915	Chimeric phosphoro
	105	15.4	1.0	20	1	ADK74127	Chimeric phosphoro
	106	15.4	1.0	20	1	ADK74198	Chimeric phosphoro

	399	12.8	0.8	17	1	AR329088	ACCESSION:AR329088
	400	12.8	0.8	17	1	AR329089	ACCESSION:AR329089
	401	12.8	0.8	17	1	AR329284	ACCESSION:AR329284
	402	12.8	0.8	17	1	AR365425	ACCESSION:AR365425
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	404	12.8	0.8	17	1	AR398066	ACCESSION:AR398066
	405	12.8	0.8	17	1	AR434332	ACCESSION:AR434332
	406	12.8	0.8	17	1	AR434333	ACCESSION:AR434333
	407	12.8	0.8	17	1	AR434336	ACCESSION:AR434336
	408	12.8	0.8	17	1	AR434339	ACCESSION:AR434339
c	409	12.8	0.8	17	1	AR456757	ACCESSION:AR456757
c	410	12.8	0.8	17	1	AR456758	ACCESSION:AR456758
	411	12.8	0.8	17	1	AR457253	ACCESSION:AR457253
	412	12.8	0.8	17	1	AR457255	ACCESSION:AR457255
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	415	12.8	0.8	17	1	AR457739	ACCESSION:AR457739
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	418	12.8	0.8	17	1	AR457860	ACCESSION:AR457860
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	444	12.8	0.8	17	1	AX026212	ACCESSION:AX026212
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	451	12.8	0.8	17	1	AX215542	ACCESSION:AX215542
c	452	12.8	0.8	17	1	AX217324	ACCESSION:AX217324
c	453	12.8	0.8	17	1	AX217700	ACCESSION:AX217700
c	454	12.8	0.8	17	1	AX217701	ACCESSION:AX217701
	455	12.8	0.8	17	1	AX217893	ACCESSION:AX217893
c	456	12.8	0.8	17	1	AX264028	ACCESSION:AX264028
	457	12.8	0.8	17	1	AX264029	ACCESSION:AX264029
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	461	12.8	0.8	17	1	AX273324	ACCESSION:AX273324
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c	463	12.8	0.8	17	1	AX422209	ACCESSION:AX422209
c	464	12.8	0.8	17	1	AX422210	ACCESSION:AX422210
c	465	12.8	0.8	17	1	AX422447	ACCESSION:AX422447
c	466	12.8	0.8	17	1	AX423046	ACCESSION:AX423046
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c	468	12.8	0.8	17	1	AX499275	ACCESSION:AX499275
c	469	12.8	0.8	17	1	AX530599	ACCESSION:AX530599
c	470	12.8	0.8	17	1	AX530600	ACCESSION:AX530600
	471	12.8	0.8	17	1	AX530912	ACCESSION:AX530912
	472	12.8	0.8	17	1	AX530914	ACCESSION:AX530914
	473	12.8	0.8	17	1	AX532012	ACCESSION:AX532012
	474	12.8	0.8	17	1	AX532014	ACCESSION:AX532014
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c	478	12.8	0.8	17	1	AX544709	ACCESSION:AX544709
c	479	12.8	0.8	17	1	AX578858	ACCESSION:AX578858
c	480	12.8	0.8	17	1	AX579831	ACCESSION:AX579831
c	481	12.8	0.8	17	1	AX580241	ACCESSION:AX580241
c	482	12.8	0.8	17	1	AX600661	ACCESSION:AX600661
	483	12.8	0.8	17	1	AX615331	ACCESSION:AX615331
c	484	12.8	0.8	17	1	AX615494	ACCESSION:AX615494
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c	486	12.8	0.8	17	1	AX634491	ACCESSION:AX634491
c	487	12.8	0.8	17	1	AX634525	ACCESSION:AX634525
c	488	12.8	0.8	17	1	AX634793	ACCESSION:AX634793
c	489	12.8	0.8	17	1	AX648276	ACCESSION:AX648276
	490	12.8	0.8	17	1	AX672102	ACCESSION:AX672102
	491	12.8	0.8	17	1	AX672538	ACCESSION:AX672538
	492	12.8	0.8	17	1	AX672554	ACCESSION:AX672554
	493	12.8	0.8	17	1	AX674757	ACCESSION:AX674757
	494	12.8	0.8	17	1	AX690693	ACCESSION:AX690693
	495	12.8	0.8	17	1	AX690694	ACCESSION:AX690694
c	496	12.8	0.8	17	1	AX691810	ACCESSION:AX691810
c	497	12.8	0.8	17	1	AX691811	ACCESSION:AX691811
c	498	12.8	0.8	17	1	AX692475	ACCESSION:AX692475
c	499	12.8	0.8	17	1	AX692480	ACCESSION:AX692480
	500	12.8	0.8	17	1	AX693479	ACCESSION:AX693479
	501	12.8	0.8	17	1	AX693480	ACCESSION:AX693480
	502	12.8	0.8	17	1	AX693481	ACCESSION:AX693481
	503	12.8	0.8	17	1	AX693482	ACCESSION:AX693482
	504	12.8	0.8	17	1	AX722341	ACCESSION:AX722341
	505	12.8	0.8	17	1	AX722485	ACCESSION:AX722485
c	506	12.8	0.8	17	1	AX722551	ACCESSION:AX722551
	507	12.8	0.8	17	1	AX722604	ACCESSION:AX722604
	508	12.8	0.8	17	1	AX722959	ACCESSION:AX722959
	509	12.8	0.8	17	1	AX723858	ACCESSION:AX723858
	510	12.8	0.8	17	1	AX724110	ACCESSION:AX724110
	511	12.8	0.8	17	1	AX724156	ACCESSION:AX724156
	512	12.8	0.8	17	1	AX724958	ACCESSION:AX724958
	513	12.8	0.8	17	1	AX725065	ACCESSION:AX725065
c	514	12.8	0.8	17	1	AX725288	ACCESSION:AX725288
c	515	12.8	0.8	17	1	AX725362	ACCESSION:AX725362
	516	12.8	0.8	17	1	AX726174	ACCESSION:AX726174
c	517	12.8	0.8	17	1	AX726186	ACCESSION:AX726186
	518	12.8	0.8	17	1	AX730202	ACCESSION:AX730202
	519	12.8	0.8	17	1	AX731025	ACCESSION:AX731025
c	520	12.8	0.8	17	1	AX734575	ACCESSION:AX734575
	521	12.8	0.8	17	1	AX735159	ACCESSION:AX735159
c	522	12.8	0.8	17	1	AX735383	ACCESSION:AX735383
c	523	12.8	0.8	17	1	AX735386	ACCESSION:AX735386
c	524	12.8	0.8	17	1	AX735688	ACCESSION:AX735688
	525	12.8	0.8	17	1	AX735736	ACCESSION:AX735736
	526	12.8	0.8	17	1	AX736290	ACCESSION:AX736290
	527	12.8	0.8	17	1	AX736619	ACCESSION:AX736619
	528	12.8	0.8	17	1	AX744074	ACCESSION:AX744074
	529	12.8	0.8	17	1	AX744075	ACCESSION:AX744075
	530	12.8	0.8	17	1	AX757324	ACCESSION:AX757324
	531	12.8	0.8	17	1	AX757876	ACCESSION:AX757876
c	532	12.8	0.8	17	1	AX759336	ACCESSION:AX759336
c	533	12.8	0.8	17	1	AX759623	ACCESSION:AX759623
	534	12.8	0.8	17	1	AX760112	ACCESSION:AX760112
	535	12.8	0.8	17	1	AX760633	ACCESSION:AX760633
	536	12.8	0.8	17	1	AX781902	ACCESSION:AX781902
	537	12.8	0.8	17	1	AX781903	ACCESSION:AX781903
c	538	12.8	0.8	17	1	AX782025	ACCESSION:AX782025
c	539	12.8	0.8	17	1	AX782027	ACCESSION:AX782027
c	540	12.8	0.8	17	1	AX783600	ACCESSION:AX783600
c	541	12.8	0.8	17	1	AX783601	ACCESSION:AX783601
c	542	12.8	0.8	17	1	AX784077	ACCESSION:AX784077
c	543	12.8	0.8	17	1	AX784078	ACCESSION:AX784078
	544	12.8	0.8	17	1	BD104108	ACCESSION:BD104108

c 253	13.4	0.9	17	1	AR327261	ACCESSION:AR327261
c 254	13.4	0.9	17	1	AR327909	ACCESSION:AR327909
255	13.4	0.9	17	1	AR402030	ACCESSION:AR402030
256	13.4	0.9	17	1	AR462946	ACCESSION:AR462946
257	13.4	0.9	17	1	AR462953	ACCESSION:AR462953
c 258	13.4	0.9	17	1	AR466998	ACCESSION:AR466998
c 259	13.4	0.9	17	1	AR466999	ACCESSION:AR466999
c 260	13.4	0.9	17	1	AR482654	ACCESSION:AR482654
261	13.4	0.9	17	1	AX214845	ACCESSION:AX214845
262	13.4	0.9	17	1	AX217396	ACCESSION:AX217396
c 263	13.4	0.9	17	1	AX218302	ACCESSION:AX218302
c 264	13.4	0.9	17	1	AX218303	ACCESSION:AX218303
c 265	13.4	0.9	17	1	AX284039	ACCESSION:AX284039
c 266	13.4	0.9	17	1	AX324177	ACCESSION:AX324177
267	13.4	0.9	17	1	AX324178	ACCESSION:AX324178
c 268	13.4	0.9	17	1	AX326245	ACCESSION:AX326245
269	13.4	0.9	17	1	AX326246	ACCESSION:AX326246
270	13.4	0.9	17	1	AX615328	ACCESSION:AX615328
271	13.4	0.9	17	1	AX615329	ACCESSION:AX615329
c 272	13.4	0.9	17	1	AX648279	ACCESSION:AX648279
c 273	13.4	0.9	17	1	AX648280	ACCESSION:AX648280
c 274	13.4	0.9	17	1	AX671731	ACCESSION:AX671731
c 275	13.4	0.9	17	1	AX691881	ACCESSION:AX691881
c 276	13.4	0.9	17	1	AX691882	ACCESSION:AX691882
c 277	13.4	0.9	17	1	AX691883	ACCESSION:AX691883
c 278	13.4	0.9	17	1	AX722342	ACCESSION:AX722342
279	13.4	0.9	17	1	AX725093	ACCESSION:AX725093
c 280	13.4	0.9	17	1	AX726517	ACCESSION:AX726517
281	13.4	0.9	17	1	AX729345	ACCESSION:AX729345
282	13.4	0.9	17	1	AX739228	ACCESSION:AX739228
c 283	13.4	0.9	17	1	AX757517	ACCESSION:AX757517
c 284	13.4	0.9	17	1	AX760975	ACCESSION:AX760975
c 285	13.4	0.9	17	1	AX783650	ACCESSION:AX783650
c 286	13.4	0.9	17	1	AX783651	ACCESSION:AX783651
c 287	13.4	0.9	17	1	AX783652	ACCESSION:AX783652
288	13.4	0.9	17	1	BD067530	ACCESSION:BD067530
289	13.4	0.9	20	1	AR126680	ACCESSION:AR126680
c 290	13.2	0.8	17	1	AR148269	ACCESSION:AR148269
c 291	13.2	0.8	17	1	AR237458	ACCESSION:AR237458
c 292	13	0.8	16	1	AX255782	ACCESSION:AX255782
c 293	13	0.8	17	1	AR039205	ACCESSION:AR039205
294	13	0.8	17	1	BD226527	ACCESSION:BD226527
295	13	0.8	17	1	CQ801550	ACCESSION:CQ801550
296	13	0.8	17	1	AR188253	ACCESSION:AR188253
c 297	13	0.8	17	1	AR286085	ACCESSION:AR286085
c 298	13	0.8	17	1	AR287615	ACCESSION:AR287615
299	13	0.8	17	1	AR324106	ACCESSION:AR324106
c 300	13	0.8	17	1	AR398075	ACCESSION:AR398075
301	13	0.8	17	1	AX214846	ACCESSION:AX214846
302	13	0.8	17	1	AX215723	ACCESSION:AX215723
c 303	13	0.8	17	1	AX265395	ACCESSION:AX265395
304	13	0.8	17	1	AX265396	ACCESSION:AX265396
c 305	13	0.8	17	1	AX673472	ACCESSION:AX673472
306	13	0.8	17	1	AX674648	ACCESSION:AX674648
c 307	13	0.8	17	1	AX691884	ACCESSION:AX691884
c 308	13	0.8	17	1	AX691885	ACCESSION:AX691885
309	13	0.8	17	1	AX723124	ACCESSION:AX723124
310	13	0.8	17	1	AX725762	ACCESSION:AX725762
c 311	13	0.8	17	1	AX730681	ACCESSION:AX730681
c 312	13	0.8	17	1	AX737420	ACCESSION:AX737420
313	13	0.8	17	1	AX737926	ACCESSION:AX737926
314	13	0.8	17	1	AX750949	ACCESSION:AX750949
315	13	0.8	17	1	AX750955	ACCESSION:AX750955
c 316	13	0.8	17	1	AX758682	ACCESSION:AX758682
317	13	0.8	17	1	AX762870	ACCESSION:AX762870
318	12.8	0.8	16	1	A97811	ACCESSION:A97811
c 319	12.8	0.8	16	1	I06972	ACCESSION:I06972
320	12.8	0.8	16	1	AR254804	ACCESSION:AR254804
321	12.8	0.8	16	1	AR305481	ACCESSION:AR305481
322	12.8	0.8	16	1	AR309585	ACCESSION:AR309585
323	12.8	0.8	16	1	AX255692	ACCESSION:AX255692
324	12.8	0.8	16	1	AX428689	ACCESSION:AX428689
c 325	12.8	0.8	16	1	AX927948	ACCESSION:AX927948
c 326	12.8	0.8	16	1	AX927967	ACCESSION:AX927967
327	12.8	0.8	16	1	BD106392	ACCESSION:BD106392
328	12.8	0.8	17	1	A10566	ACCESSION:A10566
329	12.8	0.8	17	1	A29124	ACCESSION:A29124
330	12.8	0.8	17	1	A57774	ACCESSION:A57774
c 331	12.8	0.8	17	1	A80029	ACCESSION:A80029
c 332	12.8	0.8	17	1	AR009779	ACCESSION:AR009779
c 333	12.8	0.8	17	1	AR051434	ACCESSION:AR051434
c 334	12.8	0.8	17	1	AR057471	ACCESSION:AR057471
c 335	12.8	0.8	17	1	AR057488	ACCESSION:AR057488
c 336	12.8	0.8	17	1	AR057769	ACCESSION:AR057769
c 337	12.8	0.8	17	1	AR068479	ACCESSION:AR068479
338	12.8	0.8	17	1	AR097588	ACCESSION:AR097588
c 339	12.8	0.8	17	1	AR115229	ACCESSION:AR115229
c 340	12.8	0.8	17	1	AR115246	ACCESSION:AR115246
c 341	12.8	0.8	17	1	AR115527	ACCESSION:AR115527
c 342	12.8	0.8	17	1	BD203013	ACCESSION:BD203013
c 343	12.8	0.8	17	1	BD203014	ACCESSION:BD203014
344	12.8	0.8	17	1	BD254404	ACCESSION:BD254404
c 345	12.8	0.8	17	1	BD254508	ACCESSION:BD254508
c 346	12.8	0.8	17	1	BD257477	ACCESSION:BD257477
c 347	12.8	0.8	17	1	BD258589	ACCESSION:BD258589
348	12.8	0.8	17	1	BD259352	ACCESSION:BD259352
349	12.8	0.8	17	1	BD259441	ACCESSION:BD259441
c 350	12.8	0.8	17	1	CQ615694	ACCESSION:CQ615694
c 351	12.8	0.8	17	1	CQ615695	ACCESSION:CQ615695
352	12.8	0.8	17	1	CQ616190	ACCESSION:CQ616190
353	12.8	0.8	17	1	CQ616192	ACCESSION:CQ616192
c 354	12.8	0.8	17	1	CQ616460	ACCESSION:CQ616460
c 355	12.8	0.8	17	1	CQ616461	ACCESSION:CQ616461
356	12.8	0.8	17	1	CQ616676	ACCESSION:CQ616676
357	12.8	0.8	17	1	CQ616677	ACCESSION:CQ616677
358	12.8	0.8	17	1	CQ616795	ACCESSION:CQ616795
359	12.8	0.8	17	1	CQ616797	ACCESSION:CQ616797
c 360	12.8	0.8	17	1	CQ616906	ACCESSION:CQ616906
c 361	12.8	0.8	17	1	CQ616908	ACCESSION:CQ616908
c 362	12.8	0.8	17	1	CQ617549	ACCESSION:CQ617549
c 363	12.8	0.8	17	1	CQ617561	ACCESSION:CQ617561
c 364	12.8	0.8	17	1	CQ621805	ACCESSION:CQ621805
c 365	12.8	0.8	17	1	CQ621806	ACCESSION:CQ621806
c 366	12.8	0.8	17	1	CQ622175	ACCESSION:CQ622175
c 367	12.8	0.8	17	1	CQ622177	ACCESSION:CQ622177
368	12.8	0.8	17	1	CQ622966	ACCESSION:CQ622966
369	12.8	0.8	17	1	CQ622967	ACCESSION:CQ622967
c 370	12.8	0.8	17	1	CQ623587	ACCESSION:CQ623587
c 371	12.8	0.8	17	1	CQ623588	ACCESSION:CQ623588
c 372	12.8	0.8	17	1	CQ623611	ACCESSION:CQ623611
c 373	12.8	0.8	17	1	CQ623612	ACCESSION:CQ623612
c 374	12.8	0.8	17	1	CQ623621	ACCESSION:CQ623621
c 375	12.8	0.8	17	1	CQ623622	ACCESSION:CQ623622
376	12.8	0.8	17	1	CQ624188	ACCESSION:CQ624188
377	12.8	0.8	17	1	CQ624189	ACCESSION:CQ624189
c 378	12.8	0.8	17	1	CQ624280	ACCESSION:CQ624280
c 379	12.8	0.8	17	1	CQ624281	ACCESSION:CQ624281
c 380	12.8	0.8	17	1	CQ624283	ACCESSION:CQ624283
c 381	12.8	0.8	17	1	CQ624285	ACCESSION:CQ624285
c 382	12.8	0.8	17	1	CQ625089	ACCESSION:CQ625089
c 383	12.8	0.8	17	1	CQ625090	ACCESSION:CQ625090
c 384	12.8	0.8	17	1	CQ625932	ACCESSION:CQ625932
385	12.8	0.8	17	1	I30846	ACCESSION:I30846
386	12.8	0.8	17	1	I37442	ACCESSION:I37442
387	12.8	0.8	17	1	I46305	ACCESSION:I46305
c 388	12.8	0.8	17	1	I89918	ACCESSION:I89918
389	12.8	0.8	17	1	I94292	ACCESSION:I94292
390	12.8	0.8	17	1	AR190193	ACCESSION:AR190193
c 391	12.8	0.8	17	1	AR201825	ACCESSION:AR201825
392	12.8	0.8	17	1	AR286076	ACCESSION:AR286076
393	12.8	0.8	17	1	AR325165	ACCESSION:AR325165
394	12.8	0.8	17	1	AR327366	ACCESSION:AR327366
395	12.8	0.8	17	1	AR327367	ACCESSION:AR327367
396	12.8	0.8	17	1	AR327383	ACCESSION:AR327383
397	12.8	0.8	17	1	AR327384	ACCESSION:AR327384
c 398	12.8	0.8	17	1	AR327973	ACCESSION:AR327973

	107	14.4	0.9	18	1	BD224907	ACCESSION:BD224907
c	108	14.4	0.9	18	1	BD224994	ACCESSION:BD224994
	109	14.4	0.9	18	1	AR188967	ACCESSION:AR188967
	110	14.4	0.9	18	1	AR211129	ACCESSION:AR211129
c	111	14.4	0.9	18	1	AR211216	ACCESSION:AR211216
	112	14.4	0.9	18	1	AR324766	ACCESSION:AR324766
c	113	14.4	0.9	18	1	AX599746	ACCESSION:AX599746
	114	14.4	0.9	18	1	BD075564	ACCESSION:BD075564
	115	14.4	0.9	18	1	BD172424	ACCESSION:BD172424
	116	14.4	0.9	18	1	BD172743	ACCESSION:BD172743
	117	14.4	0.9	18	1	BD173062	ACCESSION:BD173062
	118	14.4	0.9	18	1	BD173381	ACCESSION:BD173381
c	119	14.4	0.9	19	1	AX132345	ACCESSION:AX132345
	120	14	0.9	15	1	AX587022	ACCESSION:AX587022
c	121	14	0.9	17	1	BD200566	ACCESSION:BD200566
	122	14	0.9	17	1	AR328723	ACCESSION:AR328723
	123	14	0.9	17	1	AR328724	ACCESSION:AR328724
	124	14	0.9	17	1	AX750950	ACCESSION:AX750950
	125	14	0.9	17	1	AX750954	ACCESSION:AX750954
	126	14	0.9	18	1	I69013	ACCESSION:I69013
	127	14	0.9	18	1	AR253611	ACCESSION:AR253611
	128	14	0.9	18	1	AX696666	ACCESSION:AX696666
c	129	13.8	0.9	17	1	AR016864	ACCESSION:AR016864
c	130	13.8	0.9	17	1	AR020890	ACCESSION:AR020890
c	131	13.8	0.9	17	1	AR027213	ACCESSION:AR027213
c	132	13.8	0.9	17	1	AR038500	ACCESSION:AR038500
c	133	13.8	0.9	17	1	AR064642	ACCESSION:AR064642
c	134	13.8	0.9	17	1	AR067567	ACCESSION:AR067567
c	135	13.8	0.9	17	1	BD199056	ACCESSION:BD199056
	136	13.8	0.9	17	1	BD254698	ACCESSION:BD254698
c	137	13.8	0.9	17	1	BD254884	ACCESSION:BD254884
	138	13.8	0.9	17	1	BD259384	ACCESSION:BD259384
	139	13.8	0.9	17	1	BD259385	ACCESSION:BD259385
	140	13.8	0.9	17	1	CQ616191	ACCESSION:CQ616191
	141	13.8	0.9	17	1	CQ616796	ACCESSION:CQ616796
c	142	13.8	0.9	17	1	CQ616907	ACCESSION:CQ616907
c	143	13.8	0.9	17	1	CQ617550	ACCESSION:CQ617550
c	144	13.8	0.9	17	1	CQ617551	ACCESSION:CQ617551
c	145	13.8	0.9	17	1	CQ617552	ACCESSION:CQ617552
c	146	13.8	0.9	17	1	CQ617555	ACCESSION:CQ617555
c	147	13.8	0.9	17	1	CQ617558	ACCESSION:CQ617558
c	148	13.8	0.9	17	1	CQ617559	ACCESSION:CQ617559
c	149	13.8	0.9	17	1	CQ617560	ACCESSION:CQ617560
c	150	13.8	0.9	17	1	CQ622176	ACCESSION:CQ622176
c	151	13.8	0.9	17	1	CQ624284	ACCESSION:CQ624284
c	152	13.8	0.9	17	1	CQ625933	ACCESSION:CQ625933
c	153	13.8	0.9	17	1	CQ625934	ACCESSION:CQ625934
c	154	13.8	0.9	17	1	I14228	ACCESSION:I14228
c	155	13.8	0.9	17	1	I22686	ACCESSION:I22686
c	156	13.8	0.9	17	1	I38519	ACCESSION:I38519
c	157	13.8	0.9	17	1	I47511	ACCESSION:I47511
c	158	13.8	0.9	17	1	I56994	ACCESSION:I56994
c	159	13.8	0.9	17	1	I59860	ACCESSION:I59860
c	160	13.8	0.9	17	1	I75187	ACCESSION:I75187
	161	13.8	0.9	17	1	AR188690	ACCESSION:AR188690
c	162	13.8	0.9	17	1	AR192186	ACCESSION:AR192186
	163	13.8	0.9	17	1	AR221454	ACCESSION:AR221454
	164	13.8	0.9	17	1	AR286397	ACCESSION:AR286397
	165	13.8	0.9	17	1	AR324543	ACCESSION:AR324543
c	166	13.8	0.9	17	1	AR326057	ACCESSION:AR326057
c	167	13.8	0.9	17	1	AR362605	ACCESSION:AR362605
	168	13.8	0.9	17	1	AR398387	ACCESSION:AR398387
c	169	13.8	0.9	17	1	AR409735	ACCESSION:AR409735
	170	13.8	0.9	17	1	AR434337	ACCESSION:AR434337
	171	13.8	0.9	17	1	AR434338	ACCESSION:AR434338
	172	13.8	0.9	17	1	AR457254	ACCESSION:AR457254
	173	13.8	0.9	17	1	AR457859	ACCESSION:AR457859
c	174	13.8	0.9	17	1	AR457970	ACCESSION:AR457970
c	175	13.8	0.9	17	1	AR458613	ACCESSION:AR458613
c	176	13.8	0.9	17	1	AR458614	ACCESSION:AR458614
c	177	13.8	0.9	17	1	AR458615	ACCESSION:AR458615
c	178	13.8	0.9	17	1	AR458618	ACCESSION:AR458618
c	179	13.8	0.9	17	1	AR458621	ACCESSION:AR458621
c	180	13.8	0.9	17	1	AR458622	ACCESSION:AR458622
c	181	13.8	0.9	17	1	AR458623	ACCESSION:AR458623
c	182	13.8	0.9	17	1	AR463239	ACCESSION:AR463239
c	183	13.8	0.9	17	1	AR465347	ACCESSION:AR465347
c	184	13.8	0.9	17	1	AR466996	ACCESSION:AR466996
c	185	13.8	0.9	17	1	AR466997	ACCESSION:AR466997
	186	13.8	0.9	17	1	AX214637	ACCESSION:AX214637
c	187	13.8	0.9	17	1	AX215297	ACCESSION:AX215297
	188	13.8	0.9	17	1	AX215722	ACCESSION:AX215722
c	189	13.8	0.9	17	1	AX217699	ACCESSION:AX217699
	190	13.8	0.9	17	1	AX272675	ACCESSION:AX272675
	191	13.8	0.9	17	1	AX273323	ACCESSION:AX273323
c	192	13.8	0.9	17	1	AX422199	ACCESSION:AX422199
c	193	13.8	0.9	17	1	AX423454	ACCESSION:AX423454
	194	13.8	0.9	17	1	AX530913	ACCESSION:AX530913
	195	13.8	0.9	17	1	AX532013	ACCESSION:AX532013
c	196	13.8	0.9	17	1	AX544708	ACCESSION:AX544708
	197	13.8	0.9	17	1	AX615330	ACCESSION:AX615330
c	198	13.8	0.9	17	1	AX648277	ACCESSION:AX648277
c	199	13.8	0.9	17	1	AX648278	ACCESSION:AX648278
c	200	13.8	0.9	17	1	AX692476	ACCESSION:AX692476
c	201	13.8	0.9	17	1	AX692477	ACCESSION:AX692477
c	202	13.8	0.9	17	1	AX692478	ACCESSION:AX692478
c	203	13.8	0.9	17	1	AX692479	ACCESSION:AX692479
c	204	13.8	0.9	17	1	AX722650	ACCESSION:AX722650
	205	13.8	0.9	17	1	AX724945	ACCESSION:AX724945
c	206	13.8	0.9	17	1	AX727110	ACCESSION:AX727110
	207	13.8	0.9	17	1	AX728456	ACCESSION:AX728456
c	208	13.8	0.9	17	1	AX729352	ACCESSION:AX729352
	209	13.8	0.9	17	1	AX730435	ACCESSION:AX730435
	210	13.8	0.9	17	1	AX730461	ACCESSION:AX730461
c	211	13.8	0.9	17	1	AX730557	ACCESSION:AX730557
	212	13.8	0.9	17	1	AX733457	ACCESSION:AX733457
	213	13.8	0.9	17	1	AX736028	ACCESSION:AX736028
	214	13.8	0.9	17	1	AX736725	ACCESSION:AX736725
	215	13.8	0.9	17	1	AX757242	ACCESSION:AX757242
c	216	13.8	0.9	17	1	AX757362	ACCESSION:AX757362
c	217	13.8	0.9	17	1	AX782026	ACCESSION:AX782026
c	218	13.8	0.9	17	1	AX804462	ACCESSION:AX804462
	219	13.8	0.9	18	1	AR069548	ACCESSION:AR069548
c	220	13.8	0.9	18	1	AR069549	ACCESSION:AR069549
c	221	13.8	0.9	18	1	CQ830099	ACCESSION:CQ830099
c	222	13.8	0.9	18	1	E15411	ACCESSION:E15411
	223	13.8	0.9	18	1	E16948	ACCESSION:E16948
c	224	13.8	0.9	18	1	E16949	ACCESSION:E16949
c	225	13.8	0.9	18	1	AR234685	ACCESSION:AR234685
c	226	13.8	0.9	18	1	AR266198	ACCESSION:AR266198
c	227	13.8	0.9	18	1	AR296072	ACCESSION:AR296072
c	228	13.8	0.9	18	1	AR299710	ACCESSION:AR299710
	229	13.8	0.9	18	1	AX235560	ACCESSION:AX235560
c	230	13.8	0.9	18	1	AX353056	ACCESSION:AX353056
c	231	13.8	0.9	18	1	AX362901	ACCESSION:AX362901
c	232	13.8	0.9	18	1	AX811434	ACCESSION:AX811434
	233	13.8	0.9	18	1	AX838224	ACCESSION:AX838224
c	234	13.8	0.9	18	1	BD139690	ACCESSION:BD139690
	235	13.8	0.9	20	1	AR442660	ACCESSION:AR442660
	236	13.6	0.9	17	1	AX724242	ACCESSION:AX724242
	237	13.4	0.9	15	1	E03871	ACCESSION:E03871
	238	13.4	0.9	16	1	AR328259	ACCESSION:AR328259
c	239	13.4	0.9	16	1	AR435794	ACCESSION:AR435794
	240	13.4	0.9	17	1	BD200592	ACCESSION:BD200592
c	241	13.4	0.9	17	1	BD241153	ACCESSION:BD241153
c	242	13.4	0.9	17	1	BD254828	ACCESSION:BD254828
	243	13.4	0.9	17	1	CQ621883	ACCESSION:CQ621883
	244	13.4	0.9	17	1	CQ621890	ACCESSION:CQ621890
c	245	13.4	0.9	17	1	CQ625935	ACCESSION:CQ625935
c	246	13.4	0.9	17	1	CQ625936	ACCESSION:CQ625936
c	247	13.4	0.9	17	1	AR186916	ACCESSION:AR186916
	248	13.4	0.9	17	1	AR188873	ACCESSION:AR188873
	249	13.4	0.9	17	1	AR188874	ACCESSION:AR188874
c	250	13.4	0.9	17	1	AR323547	ACCESSION:AR323547
	251	13.4	0.9	17	1	AR324726	ACCESSION:AR324726
	252	13.4	0.9	17	1	AR324727	ACCESSION:AR324727

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OM nucleic - nucleic search, using sw model

Run on: November 8, 2004, 12:46:08 ; Search time 8 Seconds
(without alignments)
3.717 Million cell updates/sec

Title: US-09-918-026A-3
Perfect score: 1569
Sequence: 1 atggagccaggcggggcccg.....cttggtcctgccatacctag 1569

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 543 seqs, 9476 residues

Total number of hits satisfying chosen parameters: 1086

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 545 summaries

Database : rge3.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
c	1	21.2	1.4	27	1	AR402757	ACCESSION:AR402757
c	2	21.2	1.4	27	1	BD068257	ACCESSION:BD068257
	3	20	1.3	20	1	AR344230	ACCESSION:AR344230
c	4	20	1.3	20	1	AR344231	ACCESSION:AR344231
	5	19.6	1.2	26	1	AR344229	ACCESSION:AR344229
c	6	19.2	1.2	24	1	AX548146	ACCESSION:AX548146
	7	18.2	1.2	24	1	AR344228	ACCESSION:AR344228
c	8	16.8	1.1	21	1	I38900	ACCESSION:I38900
c	9	16.8	1.1	21	1	I87931	ACCESSION:I87931
c	10	16.8	1.1	21	1	AR364977	ACCESSION:AR364977
	11	16.4	1.0	20	1	AR299994	ACCESSION:AR299994
	12	16.2	1.0	21	1	AX095522	ACCESSION:AX095522
c	13	15.8	1.0	19	1	CQ801047	ACCESSION:CQ801047
	14	15.8	1.0	20	1	AR086279	ACCESSION:AR086279
	15	15.8	1.0	20	1	AR176845	ACCESSION:AR176845
c	16	15.8	1.0	20	1	BD231221	ACCESSION:BD231221
c	17	15.8	1.0	20	1	AR303015	ACCESSION:AR303015
c	18	15.8	1.0	20	1	AR366451	ACCESSION:AR366451
	19	15.8	1.0	20	1	AX613601	ACCESSION:AX613601
c	20	15.8	1.0	20	1	BD088361	ACCESSION:BD088361
c	21	15.8	1.0	20	1	AB068400	ACCESSION:AB068400
c	22	15.8	1.0	21	1	AX191814	ACCESSION:AX191814
	23	15.4	1.0	17	1	CQ621885	ACCESSION:CQ621885
	24	15.4	1.0	17	1	CQ621886	ACCESSION:CQ621886
	25	15.4	1.0	17	1	CQ621887	ACCESSION:CQ621887
	26	15.4	1.0	17	1	CQ621888	ACCESSION:CQ621888
c	27	15.4	1.0	17	1	AR188324	ACCESSION:AR188324
c	28	15.4	1.0	17	1	AR285978	ACCESSION:AR285978
c	29	15.4	1.0	17	1	AR324177	ACCESSION:AR324177
c	30	15.4	1.0	17	1	AR328801	ACCESSION:AR328801
c	31	15.4	1.0	17	1	AR397968	ACCESSION:AR397968
	32	15.4	1.0	17	1	AR462948	ACCESSION:AR462948
	33	15.4	1.0	17	1	AR462949	ACCESSION:AR462949
	34	15.4	1.0	17	1	AR462950	ACCESSION:AR462950
	35	15.4	1.0	17	1	AR462951	ACCESSION:AR462951
c	36	15.4	1.0	19	1	AX353169	ACCESSION:AX353169
c	37	15.4	1.0	19	1	AX363014	ACCESSION:AX363014
c	38	15.4	1.0	20	1	AR230366	ACCESSION:AR230366
c	39	15.4	1.0	20	1	AR255958	ACCESSION:AR255958
c	40	15.4	1.0	20	1	AR310061	ACCESSION:AR310061
c	41	15.4	1.0	20	1	AR350473	ACCESSION:AR350473
c	42	15.4	1.0	20	1	AR442660	ACCESSION:AR442660
c	43	15.4	1.0	20	1	AR494207	ACCESSION:AR494207
c	44	15.2	1.0	20	1	AR126680	ACCESSION:AR126680
c	45	15.2	1.0	20	1	AR170934	ACCESSION:AR170934
c	46	15.2	1.0	20	1	BD175122	ACCESSION:BD175122
c	47	15.2	1.0	20	1	BD176245	ACCESSION:BD176245
c	48	15.2	1.0	20	1	E40060	ACCESSION:E40060
	49	15.2	1.0	20	1	E40064	ACCESSION:E40064
c	50	15.2	1.0	20	1	E40868	ACCESSION:E40868
	51	15.2	1.0	20	1	E40872	ACCESSION:E40872
c	52	15.2	1.0	20	1	E43414	ACCESSION:E43414
	53	15.2	1.0	20	1	E43418	ACCESSION:E43418
c	54	15.2	1.0	20	1	I18406	ACCESSION:I18406
c	55	15.2	1.0	20	1	AR271778	ACCESSION:AR271778
	56	15.2	1.0	20	1	AR307931	ACCESSION:AR307931
	57	15.2	1.0	20	1	AR314148	ACCESSION:AR314148
	58	15.2	1.0	20	1	AX048825	ACCESSION:AX048825
	59	15.2	1.0	20	1	AX048869	ACCESSION:AX048869
c	60	15.2	1.0	20	1	AX104256	ACCESSION:AX104256
c	61	15.2	1.0	20	1	AX355378	ACCESSION:AX355378
c	62	15.2	1.0	20	1	AX492927	ACCESSION:AX492927
c	63	15.2	1.0	20	1	AX494234	ACCESSION:AX494234
c	64	15.2	1.0	20	1	AX547309	ACCESSION:AX547309
c	65	15.2	1.0	20	1	AX708702	ACCESSION:AX708702
	66	15.2	1.0	20	1	AX785133	ACCESSION:AX785133
c	67	15.2	1.0	20	1	AX785134	ACCESSION:AX785134
c	68	15.2	1.0	20	1	BD090167	ACCESSION:BD090167
c	69	15.2	1.0	20	1	BD090597	ACCESSION:BD090597
	70	15.2	1.0	20	1	BD090601	ACCESSION:BD090601
c	71	15.2	1.0	20	1	BD090706	ACCESSION:BD090706
	72	15.2	1.0	20	1	BD090710	ACCESSION:BD090710
c	73	15	1.0	17	1	AR401804	ACCESSION:AR401804
	74	15	1.0	17	1	AX750951	ACCESSION:AX750951
	75	15	1.0	17	1	AX750952	ACCESSION:AX750952
	76	15	1.0	17	1	AX750953	ACCESSION:AX750953
c	77	15	1.0	17	1	BD067304	ACCESSION:BD067304
c	78	15	1.0	18	1	E25757	ACCESSION:E25757
	79	15	1.0	20	1	AR226108	ACCESSION:AR226108
c	80	15	1.0	20	1	AR373782	ACCESSION:AR373782
c	81	15	1.0	20	1	AX418779	ACCESSION:AX418779
	82	14.8	0.9	18	1	AR257452	ACCESSION:AR257452
	83	14.8	0.9	19	1	AR300309	ACCESSION:AR300309
	84	14.8	0.9	19	1	AX010849	ACCESSION:AX010849
c	85	14.8	0.9	19	1	AX131096	ACCESSION:AX131096
	86	14.8	0.9	19	1	AX804983	ACCESSION:AX804983
	87	14.8	0.9	19	1	AX804986	ACCESSION:AX804986
c	88	14.4	0.9	17	1	CQ617553	ACCESSION:CQ617553
c	89	14.4	0.9	17	1	CQ617554	ACCESSION:CQ617554
c	90	14.4	0.9	17	1	CQ617556	ACCESSION:CQ617556
c	91	14.4	0.9	17	1	CQ617557	ACCESSION:CQ617557
	92	14.4	0.9	17	1	CQ621884	ACCESSION:CQ621884
	93	14.4	0.9	17	1	CQ621889	ACCESSION:CQ621889
c	94	14.4	0.9	17	1	AR188323	ACCESSION:AR188323
c	95	14.4	0.9	17	1	AR324176	ACCESSION:AR324176
	96	14.4	0.9	17	1	AR328722	ACCESSION:AR328722
c	97	14.4	0.9	17	1	AR458616	ACCESSION:AR458616
c	98	14.4	0.9	17	1	AR458617	ACCESSION:AR458617
c	99	14.4	0.9	17	1	AR458619	ACCESSION:AR458619
c	100	14.4	0.9	17	1	AR458620	ACCESSION:AR458620
	101	14.4	0.9	17	1	AR462947	ACCESSION:AR462947
	102	14.4	0.9	17	1	AR462952	ACCESSION:AR462952
	103	14.4	0.9	17	1	AX217761	ACCESSION:AX217761
	104	14.4	0.9	17	1	AX217762	ACCESSION:AX217762
	105	14.4	0.9	17	1	AX729077	ACCESSION:AX729077
	106	14.4	0.9	18	1	BD175415	ACCESSION:BD175415